DOCUMENT RESUME

ED 405 774 HE 030 024

TITLE	Facts and Figures: A Compendium of Statistics on Ontario Universities. Spring 1995. Volume 3.
INSTITUTION	Council of Ontario Universities, Toronto.
PUB DATE	Jul 95
NOTE	225p.; For related documents, see HE 030 022-023 and ED 403 847.
AVAILABLE FROM	Council of Ontario Universities, 444 Yonge Street, Suite 203, Toronto, Ontario, M5B 2H4, Canada.
PUB TYPE	Statistical Data (110)
EDRS PRICE	MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS	Census Figures; *College Faculty; *Educational Facilities; *Educational Finance; *Enrollment Rate; Federal Aid; Financial Support; Foreign Countries; Government Role; Higher Education; Operating Expenses; Scholarships; State Aid; State Government; *State Universities; Student Characteristics; *Student Costs; Tables (Data); Tuition
IDENTIFIERS	*Ontario

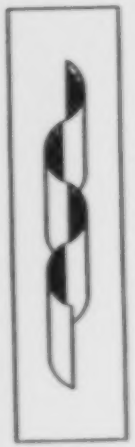
ABSTRACT

The purpose of this compendium is to provide consistent and accurate statistical and graphic information on the Ontario (Canada) university system. There are seven sections which provide: (1) Ontario population data; (2) financial data including revenues and expenses with expendable revenue by source, operating revenue by fund, and expenses by object class; (3) student data including headcount, undergraduate and graduate enrollment by field of study and level, applicants and registrants, female/male ratios, degrees awarded (by level, discipline, and gender), other student characteristics, participation rates, and student/faculty ratios; (4) scholarships data; (5) fees data including differences between Canadian and foreign students; (6) faculty and staff data including full and part-time faculty and non-academic staff; and (7) physical facilities data. Data generally include 1984 through 1994. Tables are derived from Council of Ontario Universities reports and databases, Statistics Canada publications, and from special runs by the Ontario Ministry of Education and Training. Appendix A is a glossary of terms and definitions and Appendix B contains the footnotes and data sources for each of the tables. (JLS)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

HE 030 024

ED 405 774



COUNCIL OF ONTARIO UNIVERSITIES
CONSEIL DES UNIVERSITES DE L'ONTARIO

1995
VOLUME 3

FACTS & FIGURES

BEST COPY AVAILABLE

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL IN OTHER THAN PAPER COPY HAS BEEN GRANTED BY

Council of Ontario Universities

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

A COMPENDIUM OF STATISTICS ON ONTARIO UNIVERSITIES

FACTS AND FIGURES:
A COMPENDIUM OF STATISTICS ON ONTARIO UNIVERSITIES

This is the third edition of the Compendium. The purpose of this Compendium is to provide consistent and accurate statistical and graphical information on the Ontario university system.

The Compendium consists of seven sections: Ontario Population data, Financial data, Student data, Scholarships data, Fees data, Faculty & Staff data and Physical Facilities data. Tables in each section are derived from COU reports and databases, Statistics Canada publications, and from special "runs" by the Ontario Ministry of Education and Training.

The Appendix contains definitions of terms used in the Compendium.

Requests for further information should be directed to:

Arlene Levine, Research Analyst
External Relations Division
Council of Ontario Universities
444 Yonge Street, Suite 203
Toronto, Ontario, M5B 2H4

Telephone (416) 979-2165 Fax (416) 979-8635
Email: alevine@coupo.cou.on.ca

July, 1995
95-3

TABLE OF CONTENTS: TABLES

SECTION 1. ONTARIO POPULATION DATA — PAGE #

1.1 Ontario Population Projections, 1986 to 2021 3

1.2 Median Income by Educational Attainment, 1984 to 1993 5

1.3 Ontario Unemployment Rates by Educational Attainment,1985 to 1994 7

SECTION 2. FINANCIAL DATA — PAGE #

2.1.1 Expendable Revenue by Source and Type of Fund, 1993-94 11

2.1.2 Operating Revenue by Source of Fund, 1984-85 to 1993-94 13

2.1.3 Operating Revenue by Source of Fund Categories 1984-85 to 1993-94 15

2.1.4 Operating Revenue by Source of Fund and Institution, 1993-94 17

2.2.1 Expenses by Object and Type of Fund, 1993-94 19

2.2.2 Operating Expenses by Object of Expense, 1984-85 to 1993-94 21

2.2.3 Operating Expenses by Object of Expense Categories, 1984-85 to 1993-94 23

2.2.4 Operating Expenses by Object of Expense and Institution, 1993-94 25

2.3 Operating Grants per FTE Student, 1984-85 to 1993-94 27

SECTION 3. STUDENT DATA — PAGE #

3.1.1 Enrolment (Headcount) by Level, Registration Status and Major Field of Study, 1993-94 31

3.1.1A Enrolment (Headcount) by Level, Registration Status and Major Field of Study, 1994-95 33

3.1.2 Enrolment (Headcount) by Level and Registration Status, 1985-86 to 1994-95 35

3.1.3 Enrolment (Headcount) by Gender, Registration Status and Level, 1994-95 37

3.1.4 Enrolment (Headcount) by Level, Registration Status and Institution, 1994-95 39

3.2.1 Enrolment (FTE) by Level, Registration Status and Major Field of Study, 1993-94 41

3.2.2 Enrolment (FTE) by Level and Registration Status, 1985-86 to 1994-95 43

3.2.3 Enrolment (FTE) by Level, Registration Status and Institution, 1994-95 45

3.3.1 Foreign Full-time Enrolment (Headcount) by Level and Major Field of Study, 1994-95 47

3.3.2 Foreign Full-time Enrolment by Level, 1985-86 to 1994-95 49

3.3.3 Foreign Full-time Enrolment (Headcount) by Major Field of Study, 1985-86 to 1994-95 51

3.4.1 First-year Applicants by Gender and Program, 1993 53

3.4.2 First-year Registered Applicants by Gender and Program, 1993 55

SECTION 3. STUDENT DATA, CONT'D — *PAGE #*

3.4.3 First-year Applicants and Registered Applicants by Program Grouping, 1984 to 1993 57

3.4.4 First-year Applicants and Registered Applicants by Type, 1984 to 1993 59

3.4.5 Age Distribution of Registered Applicants, 1983-84 to 1993-94 61

3.4.6 Percentage Distribution of Applicants and Registered Applicants by Geographic Origin, 1984 & 1993 63

3.4.7 Candidates and Registrants to Ontario Medical Schools by Gender, 1985 to 1994 67

3.4.8 Candidates and Registrants to Ontario Teacher Education Schools by Gender, 1985 to 1994 69

3.5.1 Average Mark Received by Registered Secondary School Applicants by Major Program Grouping, 1984 to 1993 71

3.5.2 Average Marks of Registered Secondary School Applicants, 1984 to 1993 73

3.6.1 Degrees Awarded by Level, Discipline Group and Gender, 1993 77

3.6.2 Degrees Awarded by Level and Gender, 1984 to 1993 79

3.7.1 Ontario University Participation Rates by Gender, 1992-93 81

3.7.2 Ontario University Participation Rates, 1988-89 to 1992-93 83

3.8 Student / Faculty Ratios in Ontario Universities, 1984-85 to 1993-94 85

SECTION 4. SCHOLARSHIPS DATA — *PAGE #*

4.1 Number of Undergraduate Awards and Total Funds ($) by Type of Award, 1985-86 to 1994-95 89

4.2 Number of Undergraduate Awards and Total Funds ($) by Gender, 1989-90 to 1994-95 91

SECTION 5. FEES DATA — *PAGE #*

5.1.1 Sample of Maximum Government Regulated Tuition Fees in Ontario Universities, 1994-95 94

5.1.1A Sample of Maximum Government Regulated Tuition Fees in Ontario Universities, 1995-96 95

5.2 Maximum Government Regulated Tuition Fees in Ontario Universities, 1986-87 to 1995-96 97

SECTION 6. FACULTY AND STAFF DATA — *PAGE #*

6.1 Faculty and Staff by Institution, 1993-94 101

6.2.1 Full-time Ontario Faculty by Rank, 1993-94 103

6.2.2 Percentage Distribution of Full-time Ontario Faculty by Rank and Age Group, 1993-94 105

6.2.3 Full-time Ontario Faculty, 1984-85 to 1993-94 107

6.3 Part-time Ontario FTE Faculty, 1984-85 to 1993-94 109

6.4 Non-academic Staff by Average Salary, 1984-85 to 1993-94 111

6.5 Comparison of Benefit Costs, 1984-85 to 1993-94 113

6.5A Percentage Distribution of Benefit Costs, 1984-85 to 1993-94 115

SECTION 7. PHYSICAL FACILITIES *PAGE #*

7.1 Functional Breakdown of Formula Space Usage, 1992-93 119

7.2 Age Profile of Ontario University Building Space, 1992-93 121

APPENDIX

GLOSSARY OF TERMS AND DEFINITIONS *125*

10

11

TABLE OF CONTENTS: GRAPHS AND CHARTS

SECTION 1. ONTARIO POPULATION DATA	PAGE #
Ontario Population Projections, 1986 to 2021	2
Median Income by Educational Attainment, 1984 to 1993	4
Ontario Unemployment Rates by Educational Attainment, 1985 to1994	6

SECTION 2. FINANCIAL DATA	PAGE #
Expendable Revenue by Source and Type of Fund, 1993-94	10
Percentage of Operating Revenue From Ontario Formula Grants and Tuition Fees, 1984-85 to 1993-94	12
Expenses by Object and Type of Fund, 1993-94	18
Operating Grants per FTE Student, 1984-85 to 1993-94	26

SECTION 3. STUDENT DATA	PAGE #
Headcount Enrolment by Registration Status and Major Field of Study, 1994-95	32
Full-time Enrolment Growth Since 1985-86	34
Foreign Full-time Enrolment by Major Field of Study, 1994-95	46
Foreign Full-time Enrolment Change Since 1985-86	48
First-year Applicants by Gender and Program Grouping, 1993	52

SECTION 3. STUDENT DATA, CONT'D	PAGE #
First-year Registered Applicants by Gender and Program Grouping, 1993	54
First-year Applicants and Registered Applicants by Program Grouping, 1984 to 1993	56
First-year Registered Applicants by Type, 1984 to 1993	58
Age Distribution of Registered Applicants, 1983-84, 1988-89 and 1993-94	60
Percentage Distribution of Applicants and Registered Applicants by Geographic Origin, 1984 to 1993	62
Candidates and Registrants to Ontario Medical Schools, 1985 to 1994	64
Candidates and Registrants to Ontario Medical Schools by Gender, 1985 to 1994	65
Candidates and Registrants to Ontario Teacher Education Schools, 1985 to 1994	68
Average Mark Received by Registered Secondary School Applicants by Major Program Grouping, 1984 to 1993	70
25th, 50th, 75th Percentile Change in Average Mark of Registered Secondary School Applicants, from 1984 to 1993	72
Average Mark Received by Registered Secondary School Applicants by Major Program Grouping, 1993	74
Distribution of Registered Secondary School Applicants, by Average Mark Received, 1993	75

SECTION 3. STUDENT DATA, CONT'D *PAGE #*

Degrees Awarded by Discipline Group and Level, 1993 76

Degrees Awarded by Gender, 1984 to 1993 78

Ontario University Participation Rates, 1988-89 to 1992-93 82

Student / Faculty Ratios in Ontario Universities, 1984-85 to 1993-94 84

SECTION 4. SCHOLARSHIP DATA *PAGE #*

Number of Undergraduate Awards and Total Funds, 1985-86 to 1994-95 88

Percentage Distribution of Undergraduate Awards and Funds by Gender, 1989-90 to 1994-95 90

SECTION 5. FEES DATA *PAGE #*

Maximum Government Regulated Undergraduate Tuition Fees in Ontario Universities, 1986-87 to 1995-96 96

SECTION 6. FACULTY AND STAFF DATA *PAGE #*

Full-time Ontario Faculty by Rank, 1993-94 102

Percentage of Full-time Ontario Faculty by Rank and Age Group, 1993-94 104

Full-time Ontario Faculty, 1984-85 to 1993-94 106

Part-time Ontario FTE Faculty, 1984-85 to 1993-94 108

Number of Non-academic Staff, 1984-85 to 1993-94 110

SECTION 6. FACULTY AND STAFF DATA, CONT'D *PAGE #*

Comparison of Benefit Costs, 1984-85 to 1993-94 112

SECTION 7. PHYSICAL FACILITIES *PAGE #*

Functional Breakdown of Formula Space Usage, 1992-93 118

Age Profile of Ontario University Building Space, 1992-93 120

Changes in Formula Space (NASM) Relative to FTE Students, 1983-84 to 1992-93 122

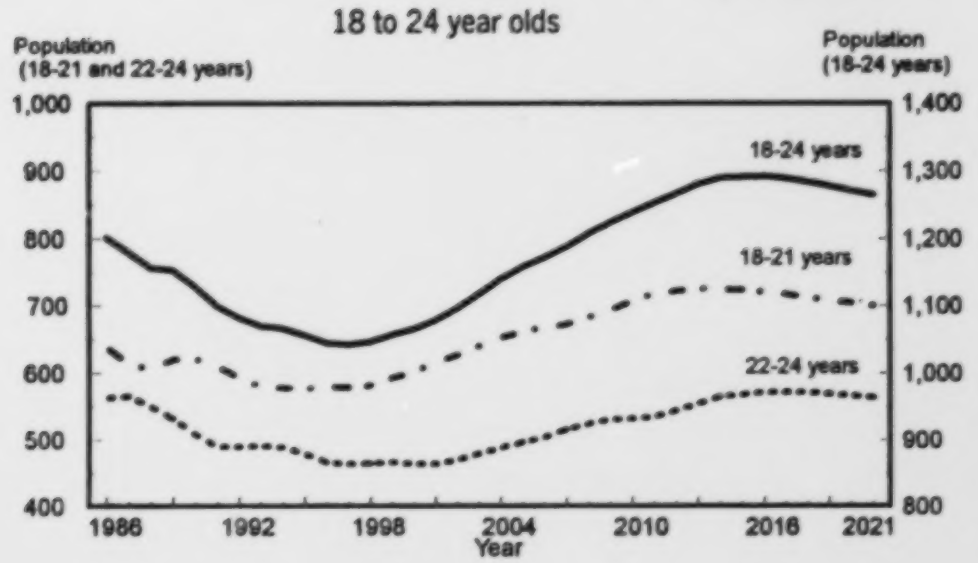
Percentage of Inventory / Generated Space, 1983-84 to 1992-93 123

15

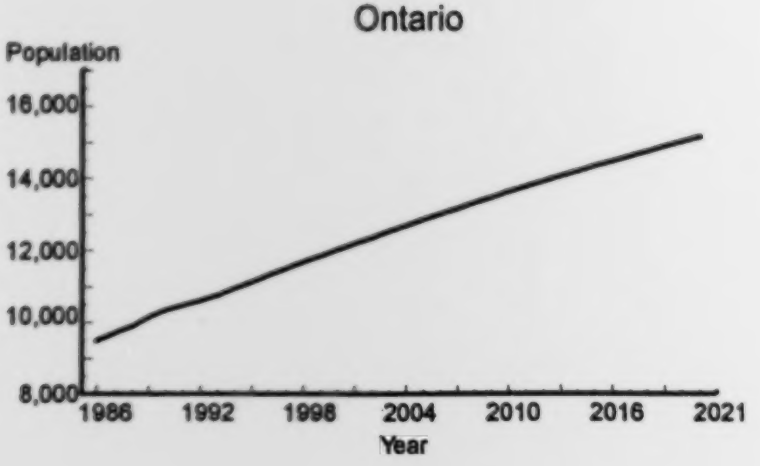
SECTION 1
ONTARIO POPULATION DATA

This section provides information on the Ontario population, including population projections to 2021, and income & unemployment rates by educational attainment .

ONTARIO POPULATION PROJECTIONS, 1986 TO 2021
(IN 000'S)



18



19

Ontario Population Projections, 1986 to 2021 *(in 000's)*

Year	Ages 18-21	Ages 22-24	Ages 18-24	Year	Ages 18-21	Ages 22-24	Ages 18-24
1986	638.9	562.7	1,201.6	2004	652.6	487.4	1,140.0
1987	613.3	565.8	1,179.1	2005	662.2	496.0	1,158.2
1988	606.9	549.4	1,156.3	2006	668.1	504.0	1,172.1
1989	620.7	532.1	1,152.8	2007	672.9	515.0	1,187.9
1990	621.3	507.8	1,129.1	2008	682.8	524.2	1,206.9
1991	610.2	489.6	1,099.8	2009	693.2	530.6	1,223.8
1992	593.0	489.2	1,082.2	2010	707.6	531.5	1,239.0
1993	579.4	491.0	1,070.4	2011	718.4	534.5	1,252.9
1994	578.1	488.9	1,066.9	2012	722.3	543.7	1,266.0
1995	576.9	479.2	1,056.2	2013	725.5	554.4	1,279.9
1996	579.1	465.8	1,044.8	2014	725.1	564.3	1,289.4
1997	578.5	463.8	1,042.4	2015	723.6	567.8	1,291.4
1998	582.3	464.5	1,046.8	2016	720.7	571.4	1,292.1
1999	592.0	465.7	1,057.7	2017	717.0	571.7	1,288.6
2000	602.6	463.2	1,065.8	2018	712.8	571.0	1,283.8
2001	615.0	463.3	1,078.3	2019	708.5	569.1	1,277.7
2002	626.5	469.4	1,096.0	2020	704.5	566.6	1,271.1
2003	639.3	478.7	1,118.0	2021	700.9	563.6	1,264.5

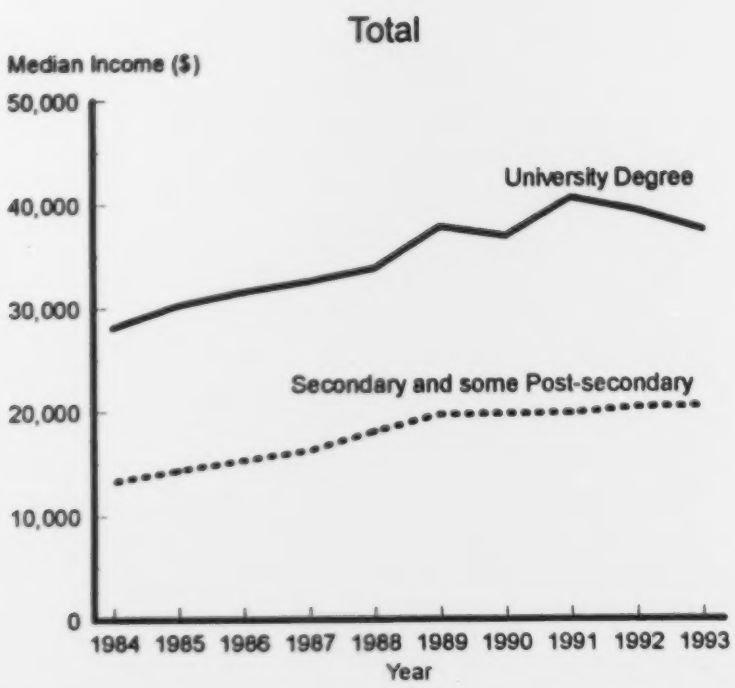
According to Statistics Canada, ages 18 to 21 represent the age range of the undergraduate student population; and ages 22 to 24 represent the age range of the graduate student population.

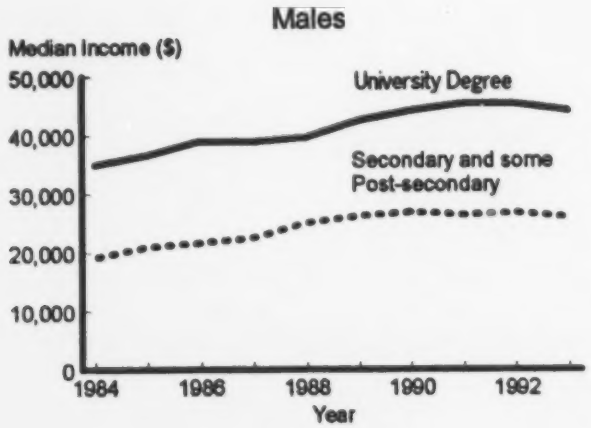
Source: Ontario Ministry of Finance. Office of Economic Policy. Strategic Economic Issues Branch. *Ontario Population Projections to 2021.*

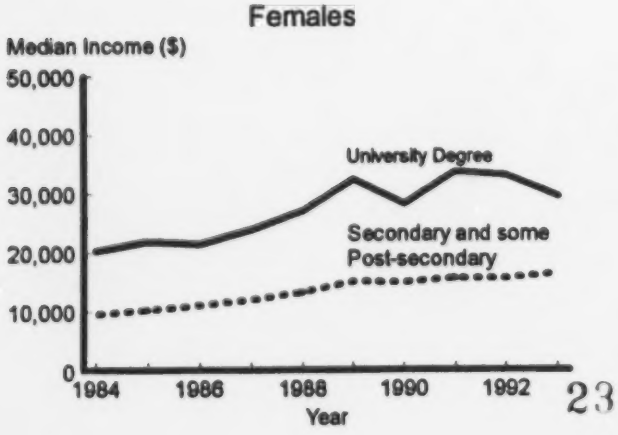
20

21

MEDIAN INCOME BY EDUCATIONAL ATTAINMENT
1984 TO 1993







22

23

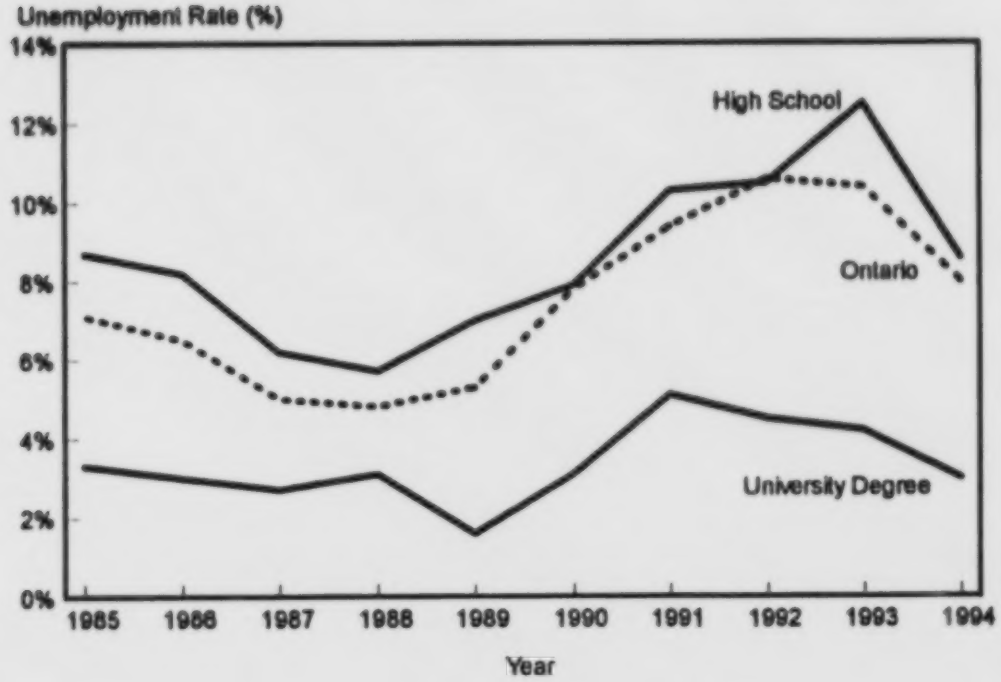
Median Income by Educational Attainment, 1984 to 1993

	University Degree			Secondary and some Post-secondary		
Year	Total	Male	Female	Total	Male	Female
1984	$28,144	$34,979	$20,276	$13,323	$19,218	$9,610
1985	$30,276	$36,731	$21,801	$14,375	$20,973	$10,258
1986	$31,560	$39,059	$21,343	$15,338	$21,705	$10,997
1987	$32,581	$38,990	$23,819	$16,287	$22,571	$11,939
1988	$33,825	$39,704	$26,967	$18,099	$25,170	$13,214
1989	$37,791	$42,578	$32,409	$19,707	$26,220	$15,015
1990	$36,906	$44,291	$28,227	$19,794	$26,969	$14,941
1991	$40,626	$45,425	$33,612	$19,821	$26,460	$15,631
1992	$39,385	$45,497	$33,042	$20,407	$26,908	$15,611
1993	$37,544	$44,270	$29,521	$20,514	$26,031	$16,400

Source: Statistics Canada. 13-207. *Income Distributions by Size in Canada*. various years. Percentage Distribution of Individuals by Income Groups, Provinces, Education and Sex. - for Ontario.

ONTARIO UNEMPLOYMENT RATES BY EDUCATIONAL ATTAINMENT

1985 TO 1994



- *The unemployment rate for people with a university degree is consistently lower than that of people with only a high school education.*

Ontario Unemployment Rates by Educational Attainment, 1985 to 1994

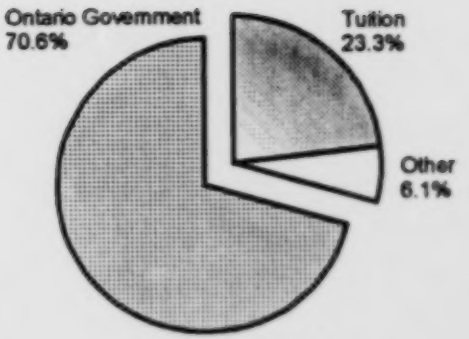
Year	Total Ontario Labour Force	High School	University Degree
1985	7.1%	8.7%	3.3%
1986	6.5%	8.2%	3.0%
1987	5.0%	6.2%	2.7%
1988	4.8%	5.7%	3.1%
1989	5.3%	7.0%	1.6%
1990	7.8%	7.9%	3.1%
1991	9.4%	10.3%	5.1%
1992	10.6%	10.5%	4.5%
1993	10.4%	12.5%	4.2%
1994	8.0%	8.6%	3.0%

Source: Statistics Canada. 71-001 *The Labour Force*. Table 5 - Estimates of Educational Attainment, Sex and Age, Canada and the Provinces. December, various years.

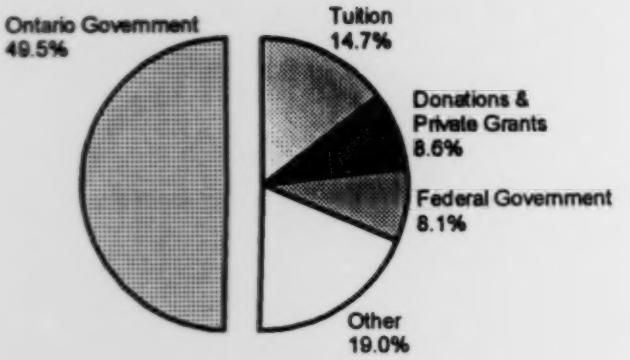
SECTION 2
FINANCIAL DATA

This section provides information on revenue and expenses in the Ontario university system.

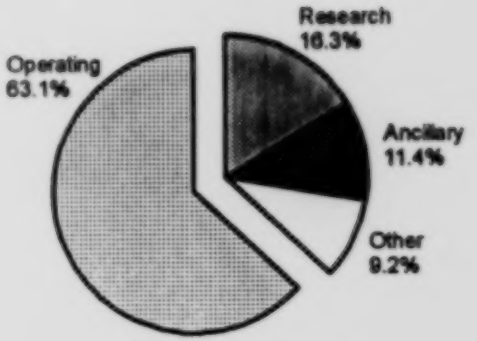
EXPENDABLE REVENUE BY SOURCE AND TYPE OF FUND
1993-94



Operating Revenue ($2.7 billion)



Total Revenue ($4.3 billion)



Total Funds ($4.3 billion)

TABLE 2.1.1

Expendable Revenue by Source and Type of Fund

Fiscal Year Ended April 30, 1994

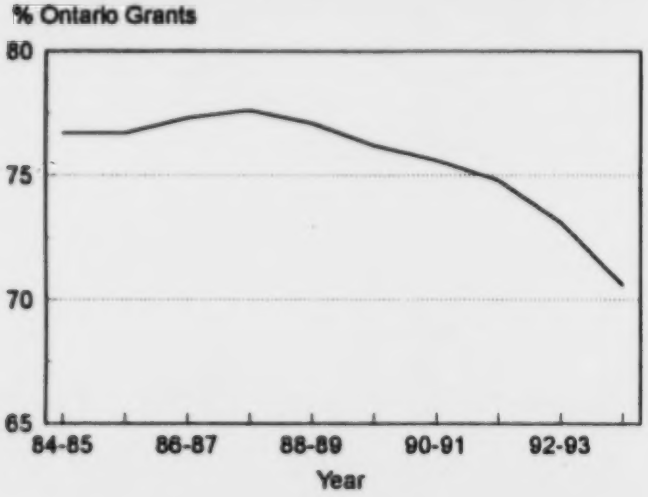
Source of Fund	Fund Type ($ millions)						
	Operating	Non-Credit	Ancillary Enterprises	Sponsored Research	Trust & Endowment	Capital	Total
Government Grants and Contracts							
Ontario MET - Formula	1,577	-	-	-	-	-	1,577
- Extra Formula	210	-	-	-	-	-	210
- Other	105	2	4	8	3	69	190
Other Ontario Grants	17	2	1	107	15	5	148
Federal	5	1	-	334	8	-	348
Municipal	-	-	-	1	1	-	2
Other	1	-	-	10	-	-	11
Fees - Tuition Credit	631	-	-	-	-	-	631
- Tuition Non-Credit	-	42	-	-	-	-	42
- Miscellaneous	65	1	158	-	-	2	227
Borrowings	-	-	-	-	-	18	18
Donations	12	1	1	11	89	11	124
Non-Gov't. Grants & Contracts	6	1	-	217	21	2	246
Sales of Service and Products	-	-	318	-	-	-	318
Investment Income	49	-	2	6	81	7	146
Miscellaneous	28	1	5	4	9	4	50
TOTAL	2,705	50	489	699	228	118	4,289

In addition, $42,964,000 of Endowment Funds were received.

Totals may not sum due to rounding.

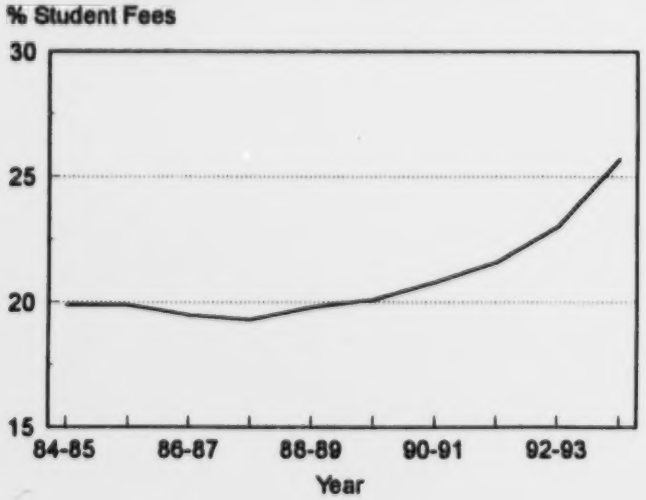
Source: Council of Ontario Universities. *Financial Report of Ontario Universities, 1993-94*. Table 2 Revenue and Additions by Source and Type of Fund - Total for All Universities and Colleges (on a consolidated basis).

PERCENTAGE OF OPERATING REVENUE FROM ONTARIO GRANTS, 1984-85 TO 1993-94



In the past 10 years, the % of Ontario grants decreased from 77% to 70.6% of the total Operating revenue.

PERCENTAGE OF OPERATING REVENUE FROM STUDENT FEES, 1984-85 TO 1993-94



In the past 10 years, the % of Student fees increased from 20% to 26% of the total Operating revenue.

36

37

Operating Revenue by Source of Fund, 1984-85 to 1993-94

In constant 1993-94 dollars

Source of Fund	Year ($ millions) 1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
Government Grants and Contracts										
Ontario MET - Formula	1,623	1,635	1,630	1,627	1,689	1,665	1,659	1,717	1,708	1,577
- Extra Formula	29	29	29	72	84	146	191	211	216	210
- Other	16	24	83	104	84	89	112	88	121	105
Other Ontario Grants	10	14	11	14	14	15	15	19	17	17
Federal	1	1	2	2	2	2	2	2	5	5
Municipal & Other	1	1	1	2	1	2	2	1	1	1
Fees - Tuition Credit	410	413	413	424	450	474	508	548	605	631
- Miscellaneous	25	29	30	27	30	31	35	40	45	65
Donations [1]	9	12	10	10	10	11	10	10	13	12
Non-Gov't. Grants & Contracts [1]			3	3	3	3	4	11	5	6
Investment Income	42	38	36	36	41	48	48	45	52	49
Miscellaneous	20	22	21	21	20	26	29	30	31	28
TOTAL [2]	2,186	2,219	2,269	2,342	2,428	2,510	2,614	2,722	2,820	2,705

[1] Prior to 1986-87, *Donations* included *Non-Government Grants and Contracts*.

[2] Includes $2,000 in *Interfund Transfers* for both 1984-85 and 1985-86. This category was abolished in 1986-87.

Source: Council of Ontario Universities. *Financial Report of Ontario Universities*, various years. Table 2 Revenue and Additions by Source and Type of Funds - Total for all Universities and Colleges (on a consolidated basis).

Operating Revenue by Source of Fund Categories, 1984-85 to 1993-94

In constant 1993-94 dollars

	Year ($ millions)									
Source of Fund	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
Ontario Grants	1,677	1,701	1,753	1,817	1,871	1,914	1,977	2,035	2,062	1,909
Other Grants	1	3	4	4	3	4	4	3	7	5
Fees	435	442	443	452	480	505	543	588	650	696
Private Donations & Contracts	9	12	13	13	14	14	13	21	18	18
Other	64	61	57	56	61	74	77	75	83	77
TOTAL	2,187	2,219	2,269	2,342	2,428	2,510	2,614	2,722	2,820	2,705

Data was derived from figures reported on Table 2.1.2.
Totals do not sum due to rounding.

Explanation of Categories:

Ontario Grants	Ontario MET (Formula, Extra Formula, Other) , Other Ontario Grants
Other Grants	Federal, Municipal, Other
Fees	Tuition Credit, Miscellaneous
Private Donations & Contracts	Donations, Non-Government Grants & Contracts
Other	Investment Income, Miscellaneous, Interfund Transfers

41

40

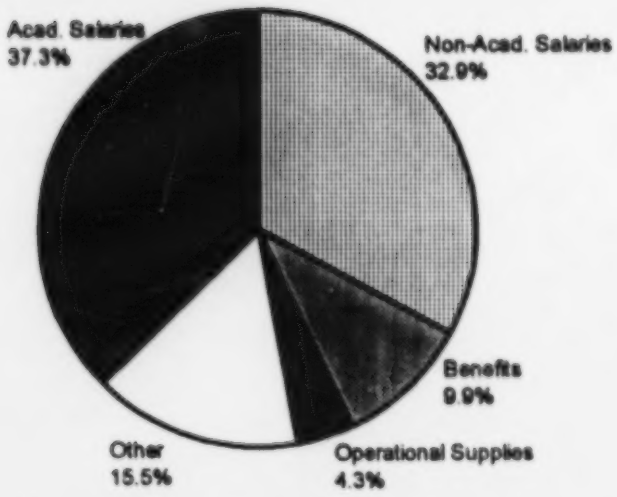
Operating Revenue by Source of Fund and Institution

Fiscal Year Ended April 30, 1994

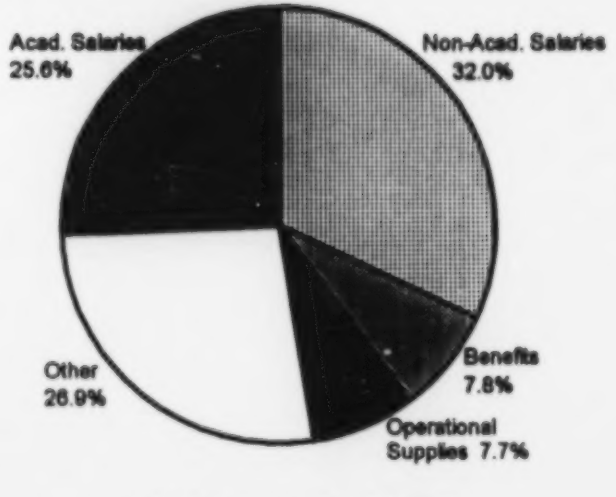
	Fund Type ($ thousands)				
Institution	Ontario Government	Tuition Fees	Other	Total Operating	Total Revenue
Brock	43,088	17,804	1,675	62,567	79,614
Carleton	96,254	43,553	10,441	150,248	210,894
Guelph	115,531	33,152	7,312	155,995	262,888
Lakehead	35,109	13,981	2,281	51,371	71,229
Laurentian	44,387	11,943	2,283	58,613	76,735
Algoma	4,594	1,724	170	6,488	7,561
Hearst	1,956	209	47	2,212	2,310
McMaster	121,650	33,619	14,383	169,652	325,619
Nipissing	9,274	3,841	1,194	14,309	15,985
OCA	10,802	4,089	1,083	15,974	17,499
OISE	29,212	3,893	119	33,224	40,526
Ottawa	159,850	43,687	7,696	211,233	299,600
Queen's	130,370	34,559	5,397	170,326	335,798
Ryerson	73,420	34,428	6,260	114,108	141,801
Toronto	384,979	110,315	33,960	529,254	938,809
Trent	26,011	10,090	1,712	37,813	55,815
Waterloo	128,222	46,055	2,980	177,257	281,351
Western	165,349	52,180	26,895	244,424	414,684
WLU	38,666	15,251	1,966	55,903	82,371
Windsor	71,571	30,909	3,631	106,111	138,248
York	190,761	69,746	18,241	278,748	358,424
Total	1,881,076	615,028	149,726	2,645,830	4,177,761

Source: Council of Ontario Universities. *Financial Report of Ontario Universities, 1993-94*. Table 2. Revenue & Additions by Source & Type of Fund.

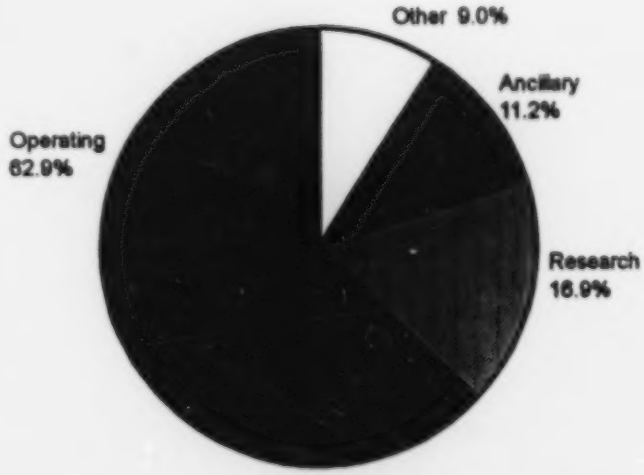
EXPENSES BY OBJECT AND TYPE OF FUND, 1993-94



Operating Expenses ($2.7 billion)



Total Expenses ($4.2 billion)



Total Funds ($4.2 billion)

44

45

TABLE 2.2.1

Expenses by Object and Type of Fund

Fiscal Year Ended April 30, 1994

Object of Expense	Fund Type ($ millions)						
	Operating	Non-Credit	Ancillary Enterprises	Sponsored Research	Trust & Endowment	Capital	Total
Salaries and Wages							
- Academic Ranks	997	7	-	69	16	-	1,088
- Other Instruction & Research	136	8	-	146	8	-	298
- Other Salaries & Wages	743	10	114	162	31	-	1,061
Employee Benefits	264	2	17	39	9	-	331
Library Acquisitions	60	-	-	3	2	-	65
Equipment & Furniture [1]	87	1	12	78	11	8	196
Operational Supplies & Expenses	115	11	40	135	25	1	326
Cost of Goods Sold	-	-	144	-	-	-	144
Utilities	86	-	29	2	-	-	118
Municipal Taxes	18	-	3	-	-	-	20
Renovations and Alterations	17	-	12	-	1	48	79
Externally Contracted Services	36	1	38	11	-	-	87
Scholarships, Bursaries, etc.	35	-	-	4	37	-	77
Principal and Interest Repayments	7	-	45	-	-	1	53
Land and Site Services	-	-	1	-	-	5	6
Buildings	-	-	6	-	-	109	115
Miscellaneous	81	8	10	64	20	1	183
Internal Cost Allocations	(12)	1	6	6	(1)	-	-
TOTAL	2,670	48	475	718	160	173	4,246

[1] Includes purchase, rental and maintenance of equipment & furniture.

Totals do not sum due to rounding.

Source: Council of Ontario Universities. *Financial Report of Ontario Universities, 1993-94*. Table 3 Total for All Universities & Colleges (consolidated).

Operating Expenses by Object of Expense, 1984-85 to 1993-94 [1]

In constant 1993-94 dollars

Object of Expense	Year ($ millions) 1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
Salaries and Wages										
- Academic Ranks	837	853	872	898	926	948	978	1,010	1,021	997
- Other Instruction & Research	84	87	87	89	96	103	110	140	135	136
- Other Salaries & Wages	609	630	636	654	678	707	739	742	767	743
Employee Benefits	195	204	198	190	193	197	239	282	301	264
Library Acquisitions	49	49	51	52	54	54	55	56	59	60
Equipment & Furniture [2]	89	92	115	105	91	94	89	87	88	87
Operational Supplies & Expenses	108	116	112	117	124	129	136	130	127	115
Utilities	77	77	72	72	71	75	73	79	80	86
Municipal Taxes	14	13	13	18	18	18	17	17	18	18
Renovations and Alterations	23	17	13	14	14	17	16	23	20	17
Externally Contracted Services	25	25	25	28	29	29	32	35	36	36
Scholarships, Bursaries, etc.	19	19	19	22	22	24	26	27	33	35
Principal and Interest Repayments	0	2	1	2	3	2	7	5	4	7
Miscellaneous	54	58	59	65	70	72	75	78	78	81
Internal Cost Allocations	(8)	(8)	(10)	(12)	(15)	(12)	(12)	(11)	(13)	(12)
TOTAL [3]	2,176	2,234	2,265	2,315	2,374	2,458	2,580	2,700	2,754	2,670

[1] *Cost of Goods Sold* was excluded because no funds were reported.

[2] Includes purchase, rental and maintenance of equipment & furniture.

[3] Includes $1,000 in *Buildings* for 1984-85; and $1,000 in *Land & Site Services* in 1991-92.

Totals do not sum due to rounding.

Source: Council of Ontario Universities. *Financial Report of Ontario Universities*, various years. Table 3 Expenses (All Expendable Funds) by Object and Type of Fund - Total for All Universities and Colleges (consolidated).

Operating Expenses by Object of Expense Categories, 1984-85 to 1993-94

In Constant 1993-94 Dollars

Object of Expense	Year ($ millions) 1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
Salaries & Wages										
- *Academic Ranks*	837	853	872	898	926	948	978	1,010	1,021	997
- *Other Instruction & Research*	84	87	87	89	96	103	110	140	135	136
- *Other Salaries & Wages*	609	630	636	654	678	707	739	742	767	743
Benefits	195	204	198	190	193	197	239	282	301	264
Library, Equipment, Oper. Supplies	246	257	278	274	268	278	280	274	274	262
Physical Plant	113	108	98	105	104	109	106	119	117	121
Scholarships, Bursaries	19	19	19	22	22	24	26	27	33	35
Other	73	76	76	84	87	93	102	108	104	111
TOTAL	2,176	2,234	2,265	2,315	2,374	2,458	2,580	2,700	2,754	2,670

Data was derived from figures reported in Table 2.2.2
Totals do not agree due to rounding.

Explanation of Categories:

Salaries & Wages	Academic Ranks, Other Instruction & Research, Other Salaries & Wages
Benefits	Employee Benefits
Library, Equipment, Op Sup.	Library Acquisitions, Equipment & Furniture, Operational Supplies & Expenses
Physical Plant	Utilities, Municipal Taxes, Renovations & Alterations
Scholarships, Bursaries.	Scholarships, Bursaries
Other	Externally Contracted Services, Principal & Interest Repayments, Land & Site Services, Buildings, Miscellaneous, Internal Cost Allocation

50

51

Operating Expenses by Object of Expense and Institution

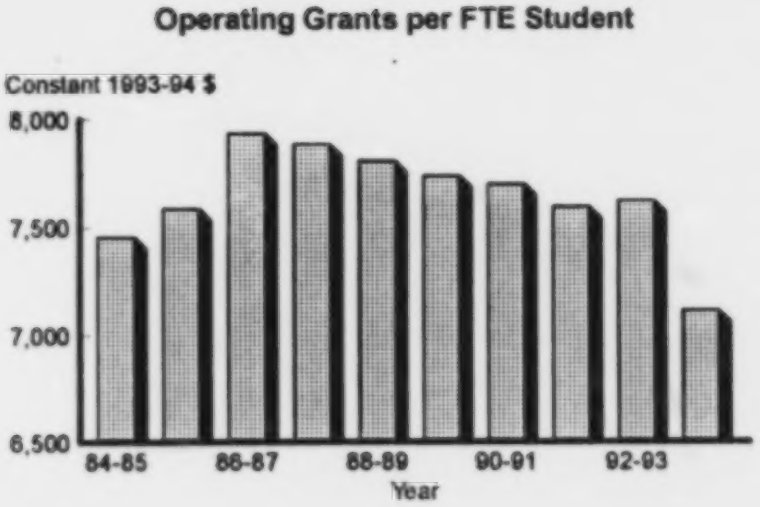
Fiscal Year Ended April 30, 1994

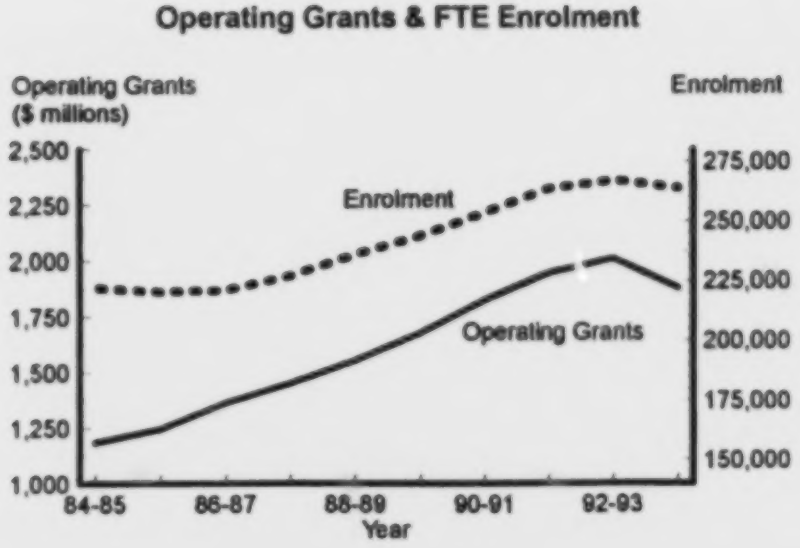
Institution	*Object of Expense ($ thousands)* Salaries & Wages	Employee Benefits	Other	Total Operating	Total Expenses
Brock	43,359	6,416	12,769	62,544	80,635
Carleton	103,539	13,952	29,853	147,344	213,328
Guelph	105,695	11,049	30,737	147,481	273,677
Lakehead	37,244	5,426	9,190	51,860	72,883
Laurentian	40,430	6,362	11,526	58,318	75,216
Algoma	4,619	767	1,073	6,459	7,273
Hearst	1,423	284	672	2,379	2,422
McMaster	115,415	18,913	38,503	172,831	332,261
Nipissing	8,844	1,375	4,191	14,410	15,300
OCA	10,558	1,566	3,242	15,366	16,930
OISE	24,857	3,242	7,873	35,972	42,355
Ottawa	139,252	21,920	45,644	206,816	298,197
Queen's	116,716	17,820	29,150	163,686	349,224
Ryerson	79,668	15,368	22,232	117,268	153,814
Toronto	371,047	37,866	99,176	508,089	893,974
Trent	26,740	4,144	6,009	36,893	55,902
Waterloo	125,897	18,051	32,790	176,738	278,169
Western	160,740	31,101	45,468	237,309	405,040
WLU	40,506	5,210	9,596	55,312	77,992
Windsor	76,332	12,787	20,280	109,399	140,575
York	197,469	24,425	55,258	277,152	363,431
Total	1,830,350	258,044	515,232	2,603,626	4,148,598

Source: Council of Ontario Universities. *Financial Report of Ontario Universities 1993-94*. Table 3 Expenses by Object & Type of Fund.

53

OPERATING GRANTS PER FTE STUDENT, 1984-85 TO 1993-94





54

55

Operating Grants per FTE Student, 1984-85 to 1993-94

	Operating Grants *($ millions)*	FTE Enrolment	Operating Grants per FTE Student	Operating Grants per FTE Student *(in constant 1993-94 $)*
1984-85	1,184.7	221,914.4	5,338.54	7,456.07
1985-86	1,244.8	220,218.3	5,652.57	7,587.35
1986-87	1,362.9	221,020.4	6,166.40	7,936.16
1987-88	1,451.6	227,240.8	6,387.94	7,886.34
1988-89	1,554.9	235,895.7	6,591.47	7,809.80
1989-90	1,676.9	243,733.9	6,880.04	7,739.08
1990-91	1,822.8	253,384.5	7,193.81	7,702.15
1991-92	1,945.1	263,467.0	7,382.71	7,595.38
1992-93	2,009.1	267,030.6	7,523.86	7,622.96
1993-94	1,878.6	264,017.4	7,115.33	7,115.33

Sources: 1. **Operating Grants**: Public Accounts of Ontario. Volume 1.
2. **FTE Enrolment**: Ministry of Education and Training. Capital & Operating Grants Administration Branch, various years.

56

57

SECTION 3
STUDENT DATA

This section provides information on headcount and FTE (full-time equivalent) enrolment, applicants and registrants, degrees awarded, participation rates and student/faculty ratios.

Enrolment [1] (Headcount) by Level, Registration Status and Major Field of Study, 1993-94

	Undergraduate		Graduate		Total	
Major Field of Study [2]	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
Arts	49,497	26,219	3,761	1,048	53,259	27,268
Social Science	76,086	36,749	6,966	3,752	83,052	40,502
Science & Engineering	62,240	14,519	8,605	1,889	70,844	16,408
Education	14,105	9,166	1,456	3,302	15,560	12,467
Total	201,928	86,653	20,788	9,992	222,716	96,645

[1] Fall term enrolment.

[2] The Major Field of Study groupings were derived from Statistics Canada's categories:

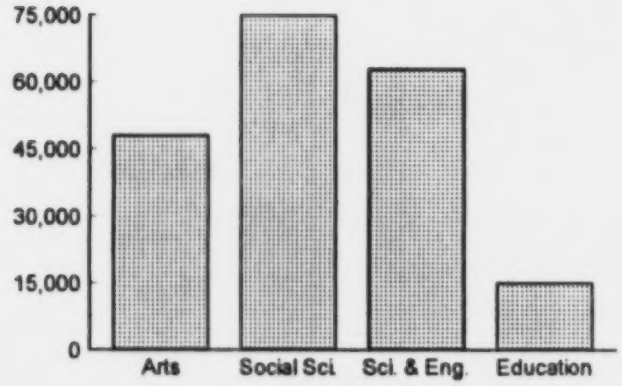
Arts	General Arts, Fine & Applied Arts, Humanities & Related.
Social Science	Social Science & Related.
Science & Engineering	General Science, Agricultural & Biological Sciences, Engineering & Applied Sciences, Health Professions & Occupation Mathematics & Physical Sciences.
Education	Education

Arts & Science, Interdisciplinary Studies, Not Applicable, None, Not Reported were prorated into the above categories.

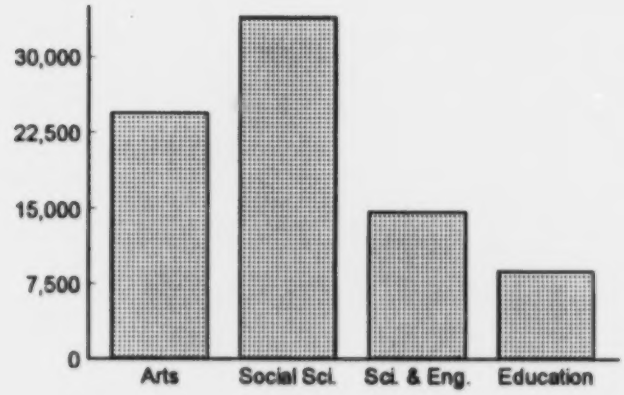
Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

BEST COPY AVAILABLE

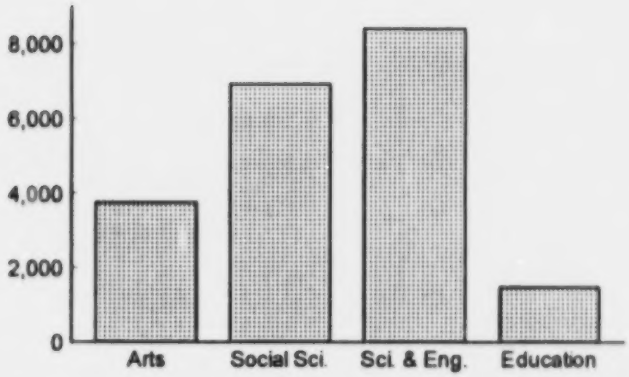
HEADCOUNT ENROLMENT BY REGISTRATION STATUS AND MAJOR FIELD OF STUDY, 1994-95



Full-time Undergraduate

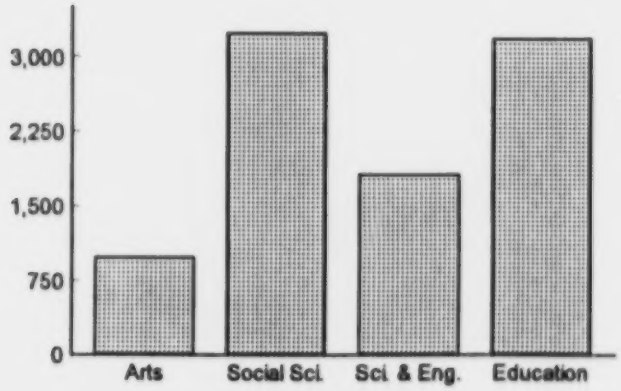


Part-time Undergraduate



62

Full-time Graduate



Part-time Graduate

63

Enrolment [1] (Headcount) by Level, Registration Status and Major Field of Study, 1994-95

Major Field of Study [2]	Undergraduate		Graduate		Total	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
Arts	47,991	24,414	3,757	981	51,747	25,395
Social Science	74,849	33,987	6,919	3,228	81,768	37,215
Science & Engineering	62,877	14,686	8,400	1,815	71,277	16,501
Education	14,928	8,762	1,483	3,175	16,412	11,936
Total	200,645	81,849	20,559	9,198	221,204	91,047

[1] Fall term enrolment.

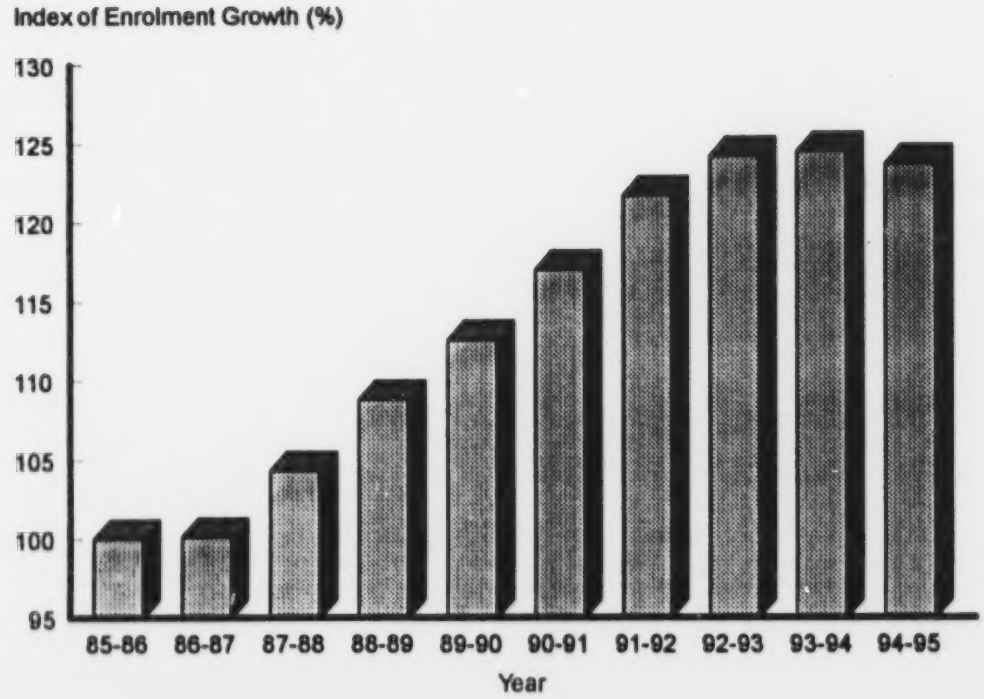
[2] The Major Field of Study groupings were derived from Statistics Canada's categories:

Arts	General Arts, Fine & Applied Arts, Humanities & Related.
Social Science	Social Science & Related.
Science & Engineering	General Science, Agricultural & Biological Sciences, Engineering & Applied Sciences, Health Professions & Occupation Mathematics & Physical Sciences.
Education	Education

Arts & Science, Interdisciplinary Studies, Not Applicable, None, Not Reported were prorated into the above categories.

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

FULL-TIME ENROLMENT GROWTH SINCE 1985-86



Enrolment [1] (Headcount) by Level and Registration Status, 1985-86 to 1994-95

	Undergraduate		Graduate		Total	
Year	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
1985-86	163,297	85,522	15,594	10,392	178,891	95,914
1986-87	163,050	86,711	16,043	10,219	179,093	96,930
1987-88	169,915	87,257	16,594	10,324	186,509	97,581
1988-89	177,212	89,816	17,334	10,471	194,546	100,287
1989-90	183,483	90,313	17,934	10,708	201,417	101,021
1990-91	190,668	92,775	18,651	10,761	209,319	103,536
1991-92	197,924	96,418	19,753	10,739	217,677	107,157
1992-93	201,617	95,654	20,559	10,370	222,176	106,024
1993-94	201,928	86,653	20,788	9,992	222,716	96,645
1994-95	200,645	81,849	20,559	9,198	221,204	91,047

[1] Fall term enrolment.

Source: Ontario Ministry of Education and Training. Capital and Operating Grants Administration Branch, various years.

Enrolment [1] (Headcount) by Gender, Registration Status and Level, 1994-95

	Male	Female	Total	% Female
FULL-TIME	103,519	117,685	221,204	53.2
Undergraduate	92,213	108,432	200,645	54.0
Master's	6,952	6,350	13,302	47.7
Doctoral	4,354	2,903	7,257	40.0
PART-TIME	34,794	56,253	91,047	61.8
Undergraduate	30,506	51,343	81,849	62.7
Master's	3,746	4,472	8,218	54.4
Doctoral	542	438	980	44.7

[1] Fall term enrolment.

Source: Ontario Ministry of Education and Training, Capital and Operating Grants Administration Branch.

70

71

Enrolment [1] (Headcount) by Level, Registration Status and Institution, 1994-95

Institution	Undergraduate Full-time	Undergraduate Part-time	Graduate Full-time	Graduate Part-time	Total Full-time	Total Part-time
Brock	6,729	3,051	113	487	6,842	3,538
Carleton	14,683	4,388	1,433	833	16,116	5,221
Guelph	10,382	2,087	1,317	214	11,699	2,301
Lakehead	5,812	1,635	158	131	5,970	1,766
Laurentian	5,329	2,384	101	80	5,430	2,464
Algoma	364	440	0	0	364	440
Hearst	63	82	0	0	63	82
McMaster	11,922	2,992	1,425	576	13,347	3,568
Nipissing	1,395	978	0	24	1,395	1,002
OCA	1,471	1,231	0	0	1,471	1,231
OISE	12	68	777	1,436	789	1,504
Ottawa	14,120	6,341	1,943	1,427	16,063	7,768
Queen's	11,253	3,294	1,688	431	12,941	3,725
Ryerson	10,089	11,761	0	0	10,089	11,761
Toronto	29,332	13,063	5,180	1,222	34,512	14,285
Trent	3,738	1,478	78	30	3,816	1,508
Waterloo	12,947	4,740	1,444	316	14,391	5,056
Western	20,014	5,526	1,984	405	21,998	5,931
WLU	4,927	2,231	430	316	5,357	2,547
Windsor	10,410	4,184	593	217	11,003	4,401
York	25,593	9,853	1,874	1,047	27,467	10,900
Dominicain	60	42	21	6	81	48
Total	200,645	81,849	20,559	9,198	221,204	91,047

[1] Fall term enrolment.

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

TABLE 3.2.1

Enrolment (FTE) by Level, Registration Status and Major Field of Study, 1993-94

Major Field of Study [3]	Undergraduate [1] Full-time	Undergraduate [1] Part-time	Graduate [2] Full-time	Graduate [2] Part-time	Total Full-time	Total Part-time
Arts	46,013	12,883	3,763	323	49,776	13,205
Social Science	70,714	19,569	6,970	1,132	77,684	20,701
Science & Engineering	60,598	8,495	8,608	571	69,206	9,066
Education	14,423	6,627	2,109	1,219	16,532	7,847
Total	191,748	47,574	21,450	3,245	213,198	50,819

[1] Undergraduate FFTE enrolment includes fall, winter, spring, summer terms.
[2] Graduate FTE enrolment includes fall and summer terms.

[3] The Major Field of Study groupings were derived from Statistics Canada's categories:

Arts	General Arts, Fine & Applied Arts, Humanities & Related.
Social Science	Social Science & Related.
Science & Engineering	General Science, Agricultural & Biological Sciences, Engineering & Applied Sciences, Health Professions & Occupation Mathematics & Physical Sciences.
Education	Education

Arts & Science, Interdisciplinary Studies, Not Applicable, None, Not Reported were prorated into the above categories.

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

BEST COPY AVAILABLE

Enrolment (FTE) by Level and Registration Status, 1985-86 to 1994-95

	Undergraduate [1]		Graduate [2]		Total	
Year	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
1985-86	159,351	41,219	16,287	3,345	175,638	44,564
1986-87	158,728	42,247	16,690	3,355	175,418	45,602
1987-88	165,212	41,423	17,211	3,395	182,423	44,818
1988-89	171,287	43,187	18,000	3,422	189,287	46,609
1989-90	176,466	45,166	18,590	3,512	195,056	48,678
1990-91	182,893	47,631	19,289	3,571	202,182	51,202
1991-92	189,234	50,324	20,487	3,422	209,721	53,746
1992-93	191,866	50,536	21,319	3,310	213,185	53,846
1993-94	191,748	47,574	21,450	3,245	213,198	50,819
1994-95	189,892	44,290	21,108	3,034	211,000	47,324

[1] Undergraduate FTE enrolment includes fall, winter, spring and summer terms.

[2] Graduate FTE enrolment includes fall and summer terms.

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch, various years.

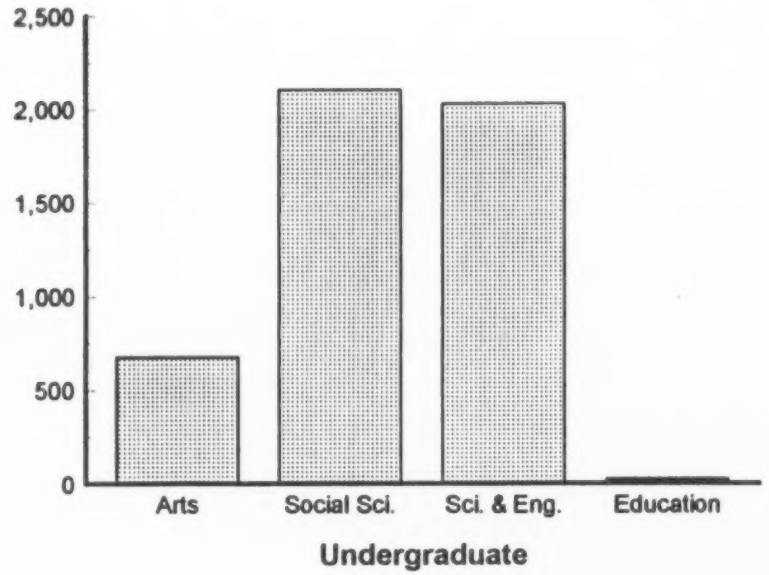
Enrolment (FTE) by Level, Registration Status and Institution, 1994-95

Institution	Undergraduate [1] Full-time	Undergraduate [1] Part-time	Graduate [2] Full-time	Graduate [2] Part-time	Total Full-time	Total Part-time
Brock	5,901.2	1,678.7	285.5	168.6	6,186.7	1,847.3
Carleton	13,072.5	2,465.0	1,434.5	249.9	14,507.0	2,734.9
Guelph	9,996.3	1,435.1	1,317.0	64.2	11,313.3	1,499.3
Lakehead	5,600.5	977.4	173.5	39.3	5,774.0	1,016.7
Laurentian	5,080.7	1,496.3	101.0	24.0	5,181.7	1,520.3
Algoma	322.7	228.1	0.0	0.0	322.7	228.1
Hearst	52.4	31.8	0.0	0.0	52.4	31.8
McMaster	11,536.3	1,820.5	1,425.0	172.8	12,961.3	1,993.3
Nipissing	1,301.2	586.6	0.0	15.0	1,301.2	601.6
OCA	1,403.5	373.0	0.0	0.0	1,403.5	373.0
OISE	15.6	29.3	1,018.0	575.3	1,033.6	604.6
Ottawa	13,714.4	2,822.2	2,013.5	506.8	15,727.9	3,329.0
Queen's	11,476.0	1,678.5	1,735.0	131.1	13,211.0	1,809.6
Ryerson	9,546.5	4,876.4	0.0	0.0	9,546.5	4,876.4
Toronto	27,401.6	8,846.5	5,180.0	381.3	32,581.6	9,227.8
Trent	3,623.7	869.3	78.0	9.0	3,701.7	878.3
Waterloo	13,923.0	1,773.9	1,444.0	94.8	15,367.0	1,868.7
Western	19,146.9	3,585.1	1,986.0	122.0	21,132.9	3,707.1
WLU	4,943.2	1,234.0	430.0	94.8	5,373.2	1,328.8
Windsor	9,676.8	2,056.9	593.0	65.1	10,269.8	2,122.0
York	22,106.8	5,391.0	1,874.0	315.0	23,980.8	5,706.0
Dominicain	50.6	14.3	19.5	4.8	70.1	19.1
Total	189,892.4	44,289.9	21,107.5	3,033.8	210,999.9	47,323.7

[1] Fall, winter, spring and summer term enrolment.
[2] Fall and summer term enrolment.

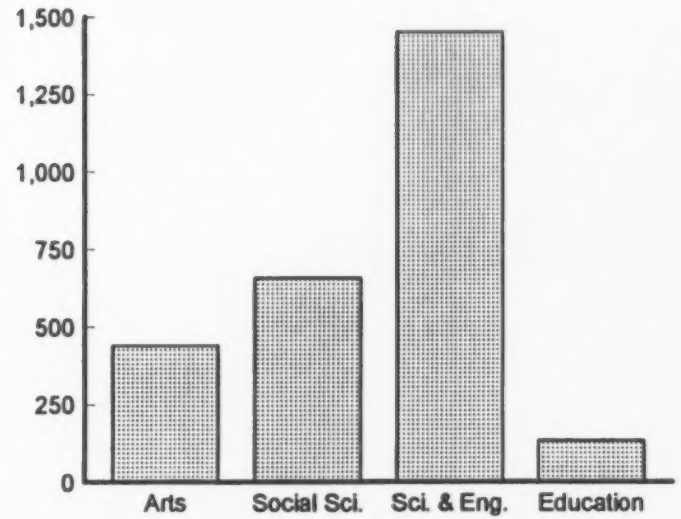
Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

FOREIGN FULL-TIME ENROLMENT BY MAJOR FIELD OF STUDY, 1994-95



Undergraduate

80



Graduate

81

Foreign Full-time Enrolment [1] (Headcount) by Level and Major Field of Study, 1994-95

Major Field of Study [2]	Undergraduate	Graduate	Total
Arts	679	440	1,119
Social Science	2,106	659	2,766
Science & Engineering	2,032	1,452	3,484
Education	30	135	165
Total	4,846	2,687	7,533

[1] Fall term enrolment.

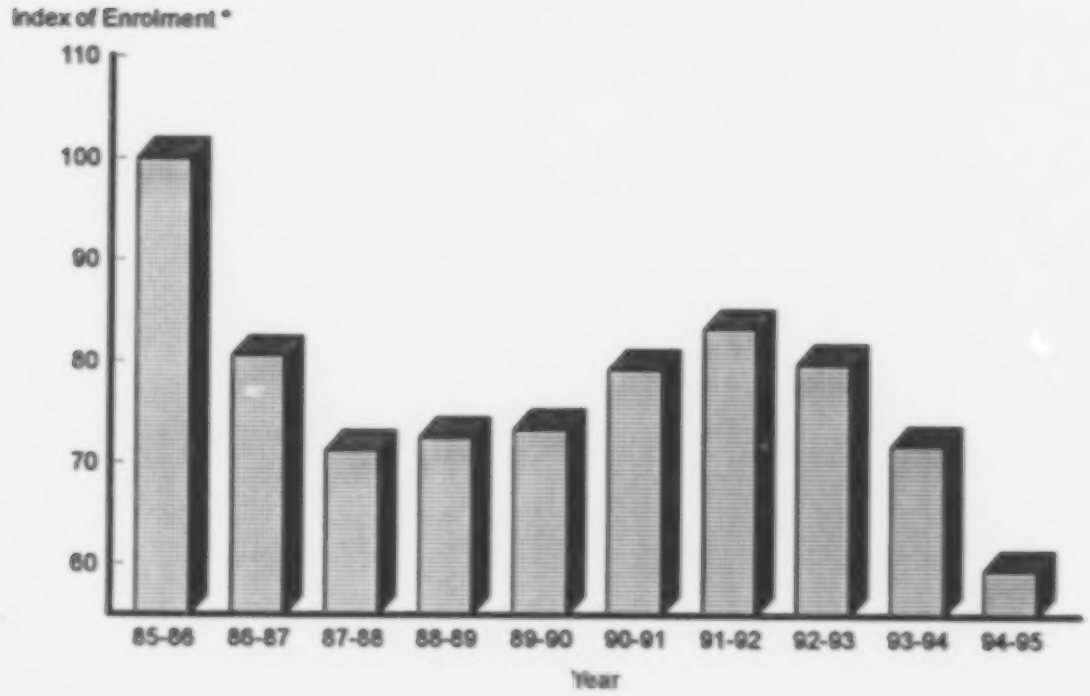
[2] The Major Field of Study groupings were derived from Statistics Canada's categories:

Arts	General Arts, Fine & Applied Arts, Humanities & Related.
Social Science	Social Science & Related.
Science & Engineering	General Science, Agricultural & Biological Sciences, Engineering & Applied Sciences, Health Profession Mathematics & Physical Sciences.
Education	Education

Arts & Science, Interdisciplinary Studies, Not Applicable, None, Not Reported were prorated into the above categories.

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

FOREIGN FULL-TIME UNDERGRADUATE ENROLMENT CHANGE SINCE 1985-86



* 1985-86 = 100

TABLE 3.3.2

Foreign Full-time Enrolment (Headcount) [1] by Level, 1985-86 to 1994-95

Year	Undergraduate	% of Total Full-time Undergrad. Enrolment	Graduate	% of Total Full-time Graduate Enrolment	Total Foreign Enrolment	% of Total Full-time Enrolment
1985-86	8,139	5.0%	2,274	14.6%	10,413	5.8%
1986-87	6,555	4.0%	2,273	14.2%	8,828	4.9%
1987-88	5,796	3.4%	2,438	14.7%	8,234	4.4%
1988-89	5,898	3.3%	2,917	16.8%	8,815	4.5%
1989-90	5,965	3.3%	3,244	18.1%	9,209	4.6%
1990-91	6,446	3.4%	3,580	19.2%	10,026	4.8%
1991-92	6,772	3.4%	3,564	18.0%	10,336	4.7%
1992-93	6,497	3.2%	3,600	17.5%	10,097	4.5%
1993-94	5,833	2.9%	3,302	15.9%	9,135	4.1%
1994-95	4,846	2.4%	2,687	13.1%	7,533	3.4%

[1] Fall term enrolment. Eligible only.

Source: Ontario Ministry of Education and Training. Capital and Operating Grants Administration Branch, various years.

86 87

Foreign Full-time Enrolment [1] (Headcount) by Major Field of Study, 1985-86 to 1994-95

Major Field of Study [2]	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
Arts	1,328	1,179	1,156	1,217	1,218	1,236	1,247	1,200	1,137	1,119
Social Science	3,659	3,115	2,913	3,095	3,197	3,438	3,612	3,634	3,258	2,766
Science & Engineering	5,270	4,393	4,031	4,333	4,618	5,138	5,261	5,049	4,552	3,484
Education	155	141	135	170	176	214	215	214	187	165
Total	10,413	8,828	8,234	8,815	9,209	10,026	10,336	10,097	9,135	7,534

[1] Fall term enrolment.

[2] The Major Field of Study groupings were derived from Statistics Canada's categories:

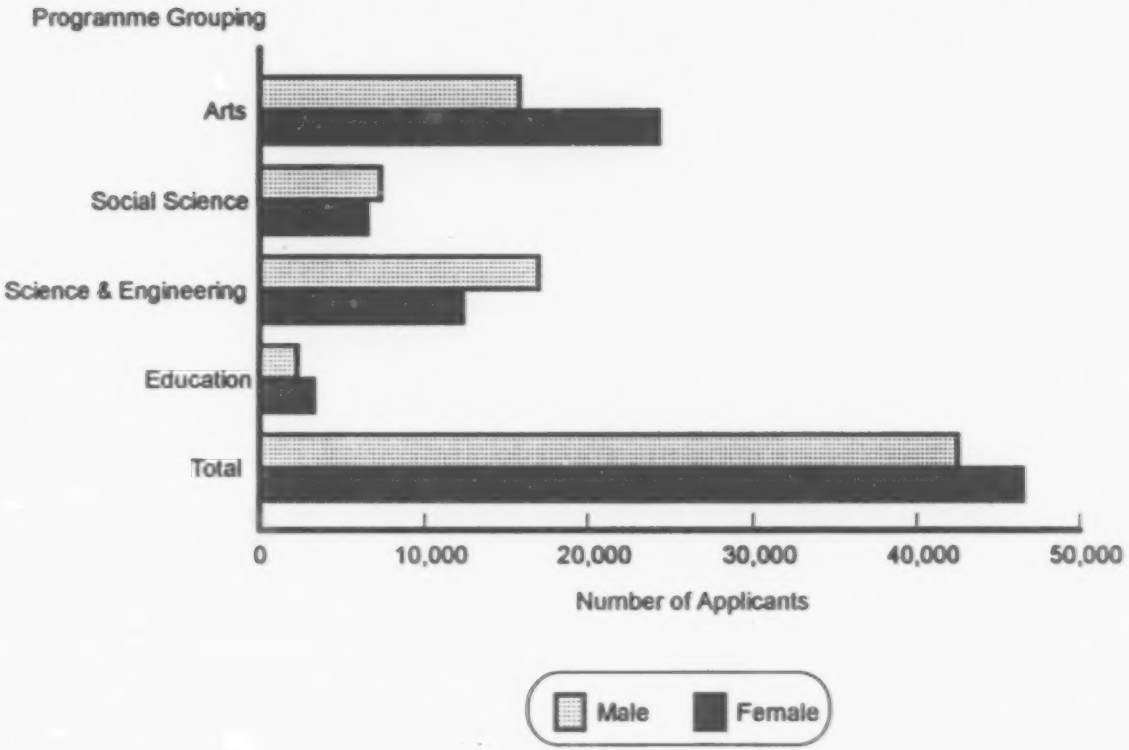
Arts	General Arts, Fine & Applied Arts, Humanities & Related.
Social Science	Social Science & Related.
Science & Engineering	General Science, Agricultural & Biological Sciences, Engineering & Applied Sciences, Health Professions & Occupations, Mathematics & Physical Sciences.
Education	Education

Arts & Science, Interdisciplinary Studies, Not Applicable, None, Not Reported were prorated into the above categories.

Source: Ontario Ministry of Education and Training, Capital & Operating Grants Administration Branch.

88 89

FIRST -YEAR APPLICANTS BY GENDER AND PROGRAM GROUPING
1993



First-year Applicants by Gender and Program, 1993

Programme	Male	Female	Total	% Female
Arts	**15,872**	**24,350**	**40,222**	*61*
- *Arts*	*13,433*	*20,758*	34,191	*61*
- *Fine and Applied Arts*	*1,347*	*1,816*	3,163	*57*
- *Journalism*	*664*	*956*	1,620	*59*
- *Other (Music)*	*428*	*820*	1,248	*66*
Social Science	**7,373**	**6,536**	**13,909**	*47*
- *Commerce and Business*	*6,235*	*4,759*	10,994	*43*
- *Environmental Studies*	*641*	*504*	1,145	*44*
- *Social Work*	*215*	*1,012*	1,227	*82*
- *Other (Other Admin)*	*282*	*261*	543	*48*
Science & Engineering	**17,021**	**12,351**	**29,371**	*42*
- *Agriculture*	*175*	*179*	354	*51*
- *Engineering & Applied Science*	*6,658*	*1,318*	7,976	*17*
- *Household Science*	*49*	*582*	631	*92*
- *Nursing*	*150*	*1,218*	1,368	*89*
- *Rehabilitation Medicine*	*435*	*1,270*	1,705	*74*
- *Science*	*8,469*	*7,235*	15,704	*46*
- *Other (Arch, Forestry, Pharm)*	*1,085*	*549*	1,633	*34*
Education	**2,293**	**3,300**	**5,593**	*59*
- *Education*	*424*	*1,532*	1,956	*78*
- *Physical and Health Education*	*1,852*	*1,726*	3,578	*48*
- *Other*	*17*	*42*	59	*72*
Total	**42,559**	**46,537**	**89,096**	*52*

Other Degrees and Diploma Program were prorated into the above categories (under *Other*).

Source: Council of Ontario Universities. *Application Statistics 1993*. Table 14 Applicants & Registered Applicants by Program & Gender

93

FIRST-YEAR REGISTERED APPLICANTS BY GENDER AND PROGRAM GROUPING, 1993

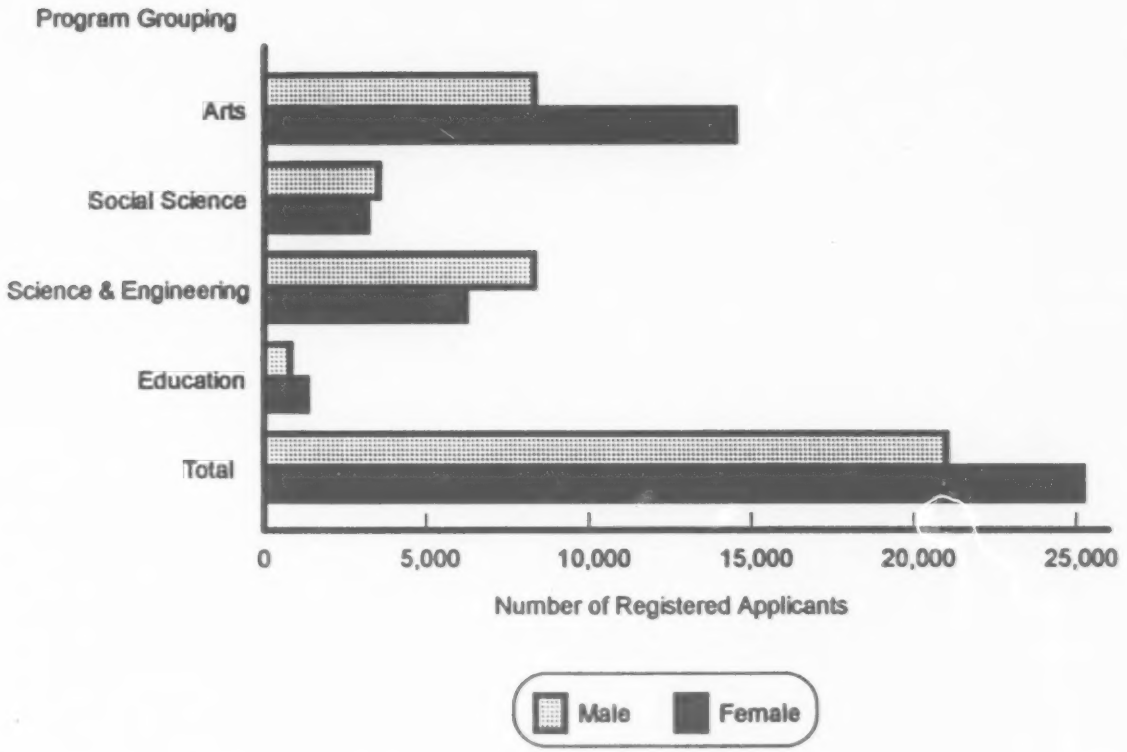


TABLE 3.4.2

First-year Registered Applicants by Gender and Program, 1993

Program	Male	Female	Total	% Female
Arts	**8,339**	**14,505**	**22,844**	**63**
- Arts	*7,630*	*13,079*	*20,709*	*63*
- Fine and Applied Arts	*404*	*751*	*1,155*	*65*
- Journalism	*154*	*331*	*485*	*68*
- Other (Music)	*151*	*344*	*495*	*70*
Social Science	**3,542**	**3,172**	**6,714**	**47**
- Commerce and Business	*3,121*	*2,505*	*5,626*	*45*
- Environmental Studies	*298*	*303*	*601*	*50*
- Social Work	*48*	*296*	*344*	*86*
- Other (Other Admin)	*75*	*68*	*143*	*47*
Science & Engineering	**8,326**	**6,222**	**14,548**	**43**
- Agriculture	*81*	*119*	*200*	*60*
- Engineering & Applied Science	*3,189*	*776*	*3,965*	*20*
- Household Science	*11*	*243*	*254*	*96*
- Nursing	*55*	*575*	*630*	*91*
- Rehabilitation Medicine	*33*	*177*	*210*	*84*
- Science	*4,667*	*4,199*	*8,866*	*47*
- Other (Arch, Forestry, Pharm)	*290*	*133*	*423*	*31*
Education	**821**	**1,314**	**2,134**	**62**
- Education	*86*	*386*	*472*	*82*
- Physical and Health Education	*732*	*921*	*1,653*	*56*
- Other	*3*	*7*	*9*	*70*
Total	**21,028**	**25,213**	**46,241**	**55**

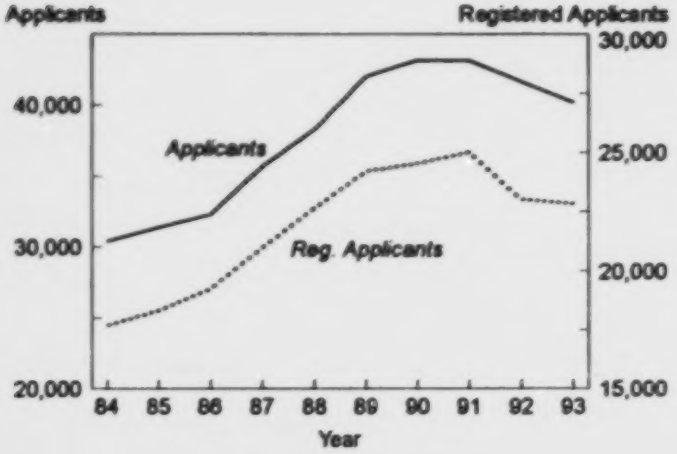
Other Degrees and Diploma Program were prorated into the above categories (under *Other*).

Source: Council of Ontario Universities. *Application Statistics 1993*. Table 14 Applicants & Registered Applicants by Program & Gender.

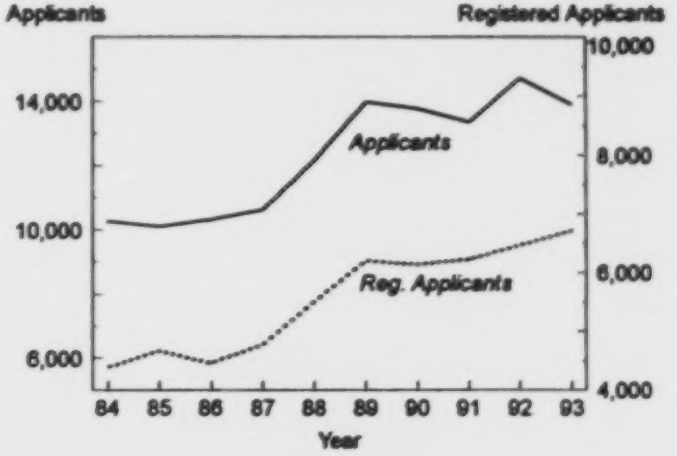
97

FIRST-YEAR APPLICANTS & REGISTERED APPLICANTS BY PROGRAM GROUPING, 1984-1993

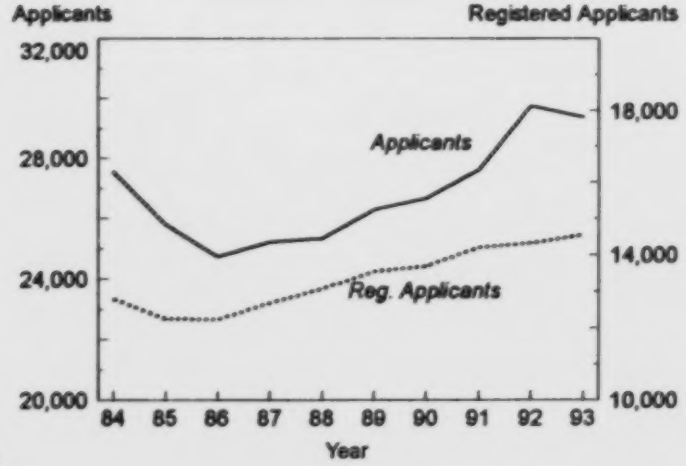
Arts



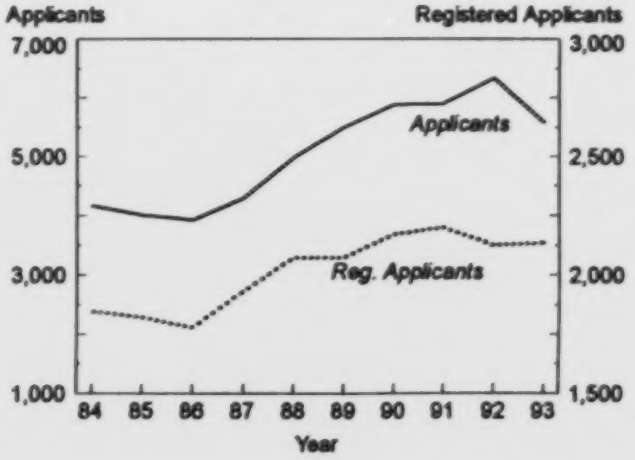
Social Science



Science & Engineering



Education



98

99

First-year Applicants & Registered Applicants by Program Grouping, 1984 to 1993

	1984	1985	1986	1987	1988	1989 [1]	1990	1991	1992	1993
Applicants										
Arts	30,409	31,413	32,298	35,706	38,335	42,013	43,184	43,128	41,678	40,203
Social Science	10,270	10,113	10,343	10,649	12,195	13,989	13,783	13,366	14,736	13,913
Science & Engineering	27,556	25,803	24,751	25,217	25,333	26,299	26,672	27,618	29,755	29,389
Education	4,171	4,008	3,925	4,286	4,981	5,500	5,885	5,902	6,341	5,591
Total	72,405	71,337	71,316	75,858	80,843	87,801	89,525	90,015	92,510	89,096
Registered Applicants										
Arts	17,681	18,324	19,232	20,967	22,647	24,180	24,544	25,014	23,011	22,841
Social Science	4,393	4,671	4,456	4,776	5,499	6,192	6,138	6,224	6,467	6,715
Science & Engineering	12,782	12,235	12,224	12,679	13,053	13,525	13,673	14,185	14,303	14,551
Education	1,846	1,821	1,777	1,929	2,070	2,070	2,169	2,197	2,123	2,134
Total	36,702	37,051	37,689	40,352	43,269	45,967	46,524	47,620	45,904	46,241

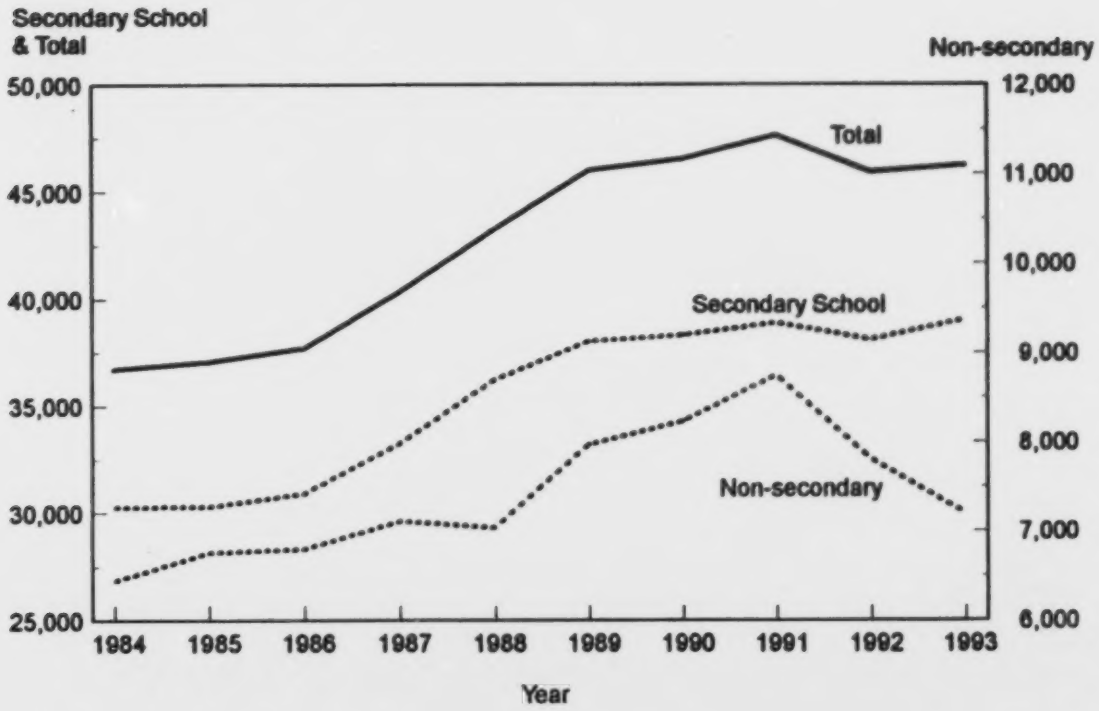
[1] Commencing in 1989, Ryerson Polytechnic University has been included.

Source: Council of Ontario Universities. *Application Statistics*, various years.

100

101

FIRST -YEAR REGISTERED APPLICANTS BY TYPE, 1984 TO 1993



102

103

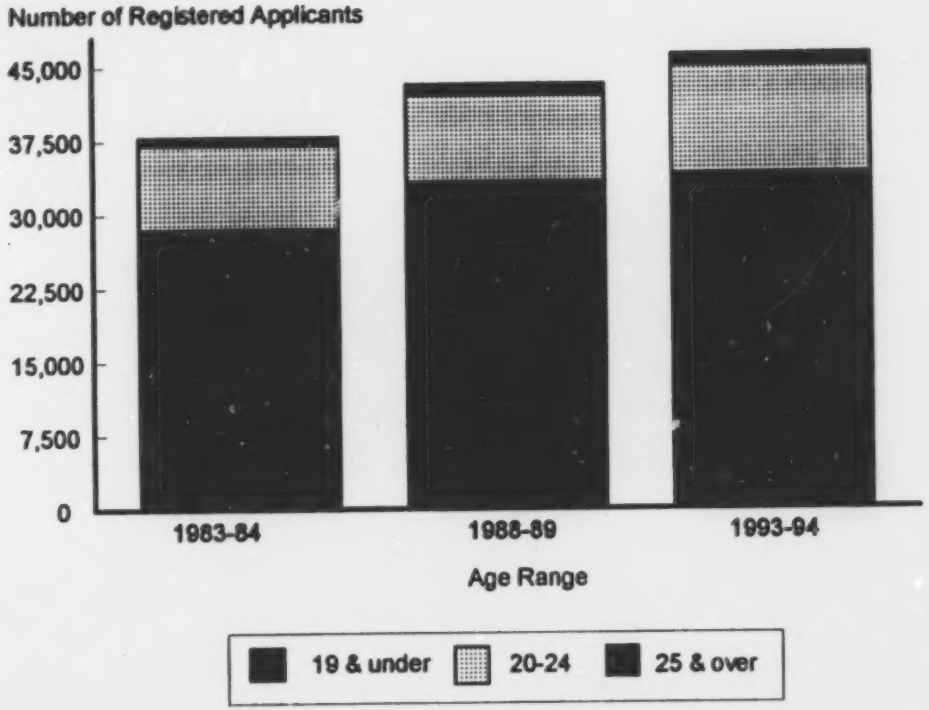
First-year Applicants and Registered Applicants by Type, 1984 to 1993

Year	Applicants			Registered Applicants		
	Secondary School	Non-secondary	Total	Secondary School	Non-secondary	Total
1984	47,840	24,565	72,405	30,260	6,442	36,702
1985	47,737	23,600	71,337	30,298	6,753	37,051
1986	47,236	24,080	71,316	30,895	6,794	37,689
1987	50,510	25,348	75,858	33,246	7,106	40,352
1988	55,151	25,692	80,843	36,233	7,036	43,269
1989	56,991	30,810	87,801	38,001	7,966	45,967
1990	57,432	32,093	89,525	38,297	8,227	46,524
1991	57,329	32,686	90,015	38,874	8,746	47,620
1992	58,226	34,284	92,510	38,100	7,804	45,904
1993	59,275	29,821	89,096	39,053	7,188	46,241

[1] Commencing in 1989, Ryerson Polytechnic University has been included.

Source: Council of Ontario Universities. *Application Statistics*, various years. Table 10 - Distribution of Secondary School Applicants & Registered Applicants by Age & Sex; Table 11 - Distribution of Regular Active Applicants & Registered Applicants by Age & Sex.

AGE DISTRIBUTION OF REGISTERED APPLICANTS 1983-84, 1988-89 AND 1993-94



- *The number of registered applicants 20 years and older increased between 1983-84 and 1993-94.*
- *Between 1988-89 and 1993-94, the number of registered applicants aged 19 & under increased slightly (33,276 to 34,031), while the number of registered applicants aged 20-24 increased from 8,834 to 10,934.*

106

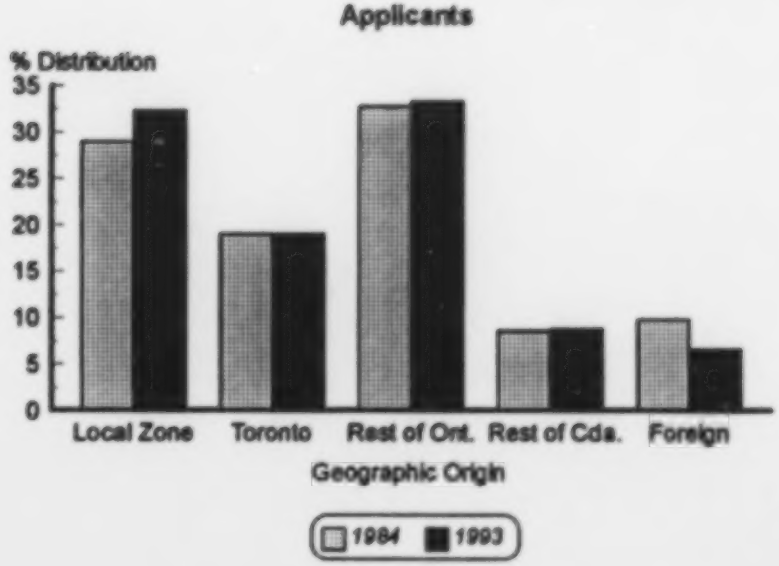
107

Age Distribution of Registered Applicants, 1983-84 to 1993-94

Age	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
19 & under	28,505	27,385	27,382	28,069	30,507	33,276	34,799	34,795	34,509	33,838	34,031
20 - 24	8,535	8,423	8,747	8,581	8,778	8,834	9,936	10,430	11,531	10,597	10,934
25 & over	885	893	922	1,039	1,068	1,160	1,232	1,299	1,580	1,469	1,275
Total	37,925	36,702	37,051	37,689	40,352	43,270	45,967	46,524	47,620	45,905	46,240

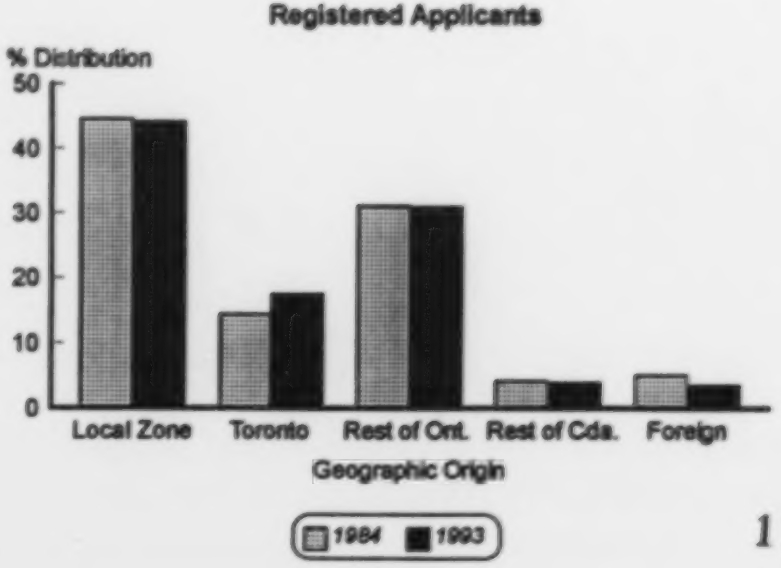
Source: Council of Ontario Universities. *Application Statistics*, various years.

PERCENTAGE DISTRIBUTION OF APPLICANTS AND REGISTERED APPLICANTS BY GEOGRAPHIC ORIGIN, 1984 TO 1993



- *The percentage of applicants who applied to a university in their local zone increased from 29% in 1984 to 32.3% in 1993.*

- *The percentage of registered applicants who registered in a university in their local zone remained about the same between 1984 and 1993.*



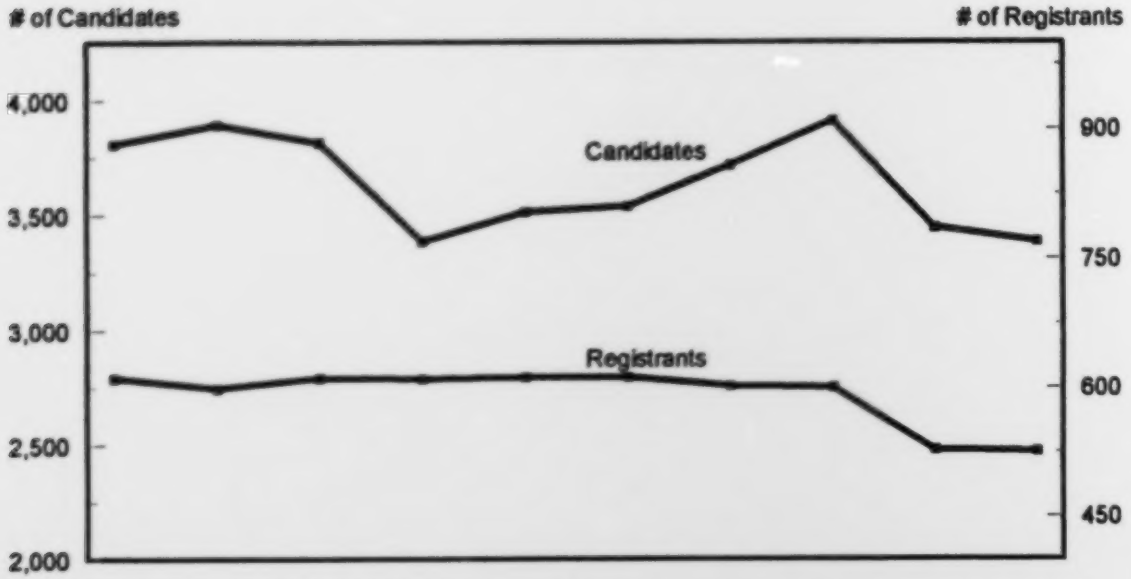
Percentage Distribution of Applicants & Registered Applicants by Geographic Origin, 1984 & 1993

	Applicants		Registered Applicants	
Total	1984	1993	1984	1993
Local Zone	29.0	32.3	44.6	44.1
Toronto	19.0	19.0	14.4	17.5
Rest of Ontario	32.8	33.3	31.1	30.9
Rest of Canada	8.6	8.8	4.2	3.9
Foreign	9.8	6.6	5.1	3.6
Secondary School				
Local Zone	32.2	34.8	46.0	45.1
Toronto	21.9	22.1	15.0	18.8
Rest of Ontario	37.8	39.1	33.7	33.3
Rest of Canada	0.2	0.1	0.1	0.1
Foreign	7.1	3.8	4.6	2.7
Other				
Local Zone	20.6	25.7	37.9	38.0
Toronto	11.2	10.7	11.6	9.8
Rest of Ontario	19.6	17.9	19.1	16.6
Rest of Canada	31.1	31.6	23.5	26.9
Foreign	16.9	14.1	7.5	8.7

Source: Council of Ontario Universities. *Application Statistics,* various years.

113

CANDIDATES AND REGISTRANTS TO ONTARIO MEDICAL SCHOOLS
1985 TO 1994

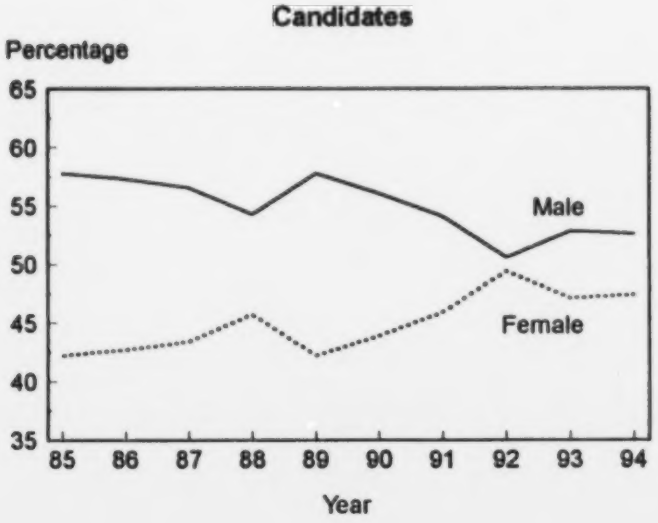


Year	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Candidates	3,809	3,893	3,815	3,388	3,513	3,539	3,717	3,910	3,447	3,387
Registrants	611	599	611	610	612	612	602	600	528	526

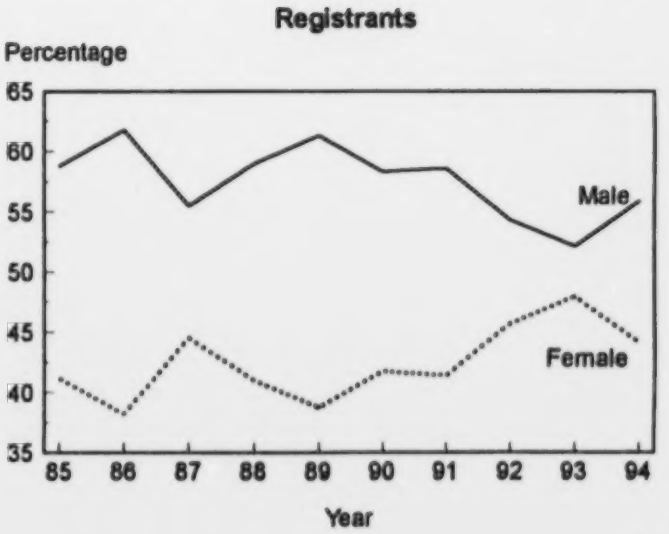
114

115

CANDIDATES AND REGISTRANTS TO ONTARIO MEDICAL SCHOOLS BY GENDER, 1985 TO 1994



116



117

Candidates and Registrants to Ontario Medical Schools by Gender, 1985 to 1994

	Candidates			Registrants		
Year	Male	Female	Total	Male	Female	Total
1985	2,200	1,609	3,809	359	252	611
1986	2,230	1,663	3,893	370	229	599
1987	2,158	1,657	3,815	339	272	611
1988	1,841	1,547	3,388	360	250	610
1989	2,029	1,484	3,513	375	237	612
1990	1,987	1,552	3,539	357	255	612
1991	2,010	1,707	3,717	353	249	602
1992	1,978	1,932	3,910	326	274	600
1993	1,822	1,625	3,447	275	253	528
1994	1,780	1,607	3,387	294	232	526

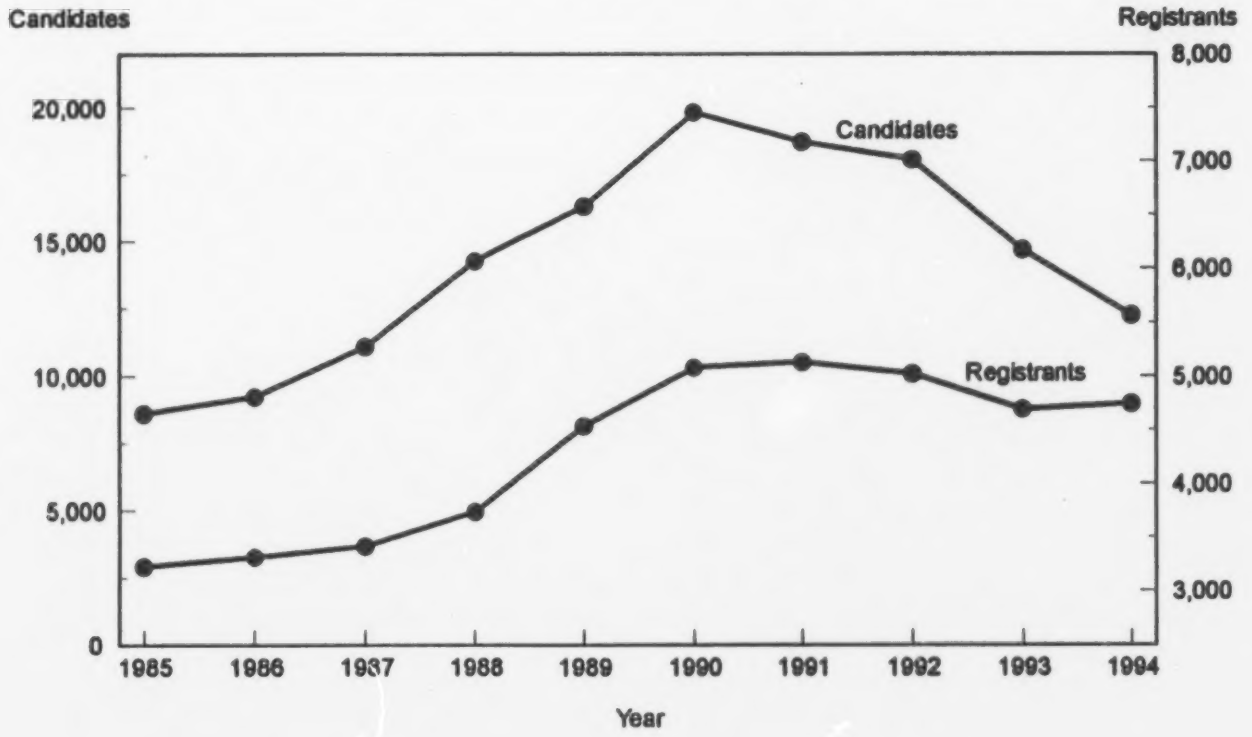
Source: Council of Ontario Universities. Ontario Universities' Application Centre. Ontario Medical School Application Service. *Statistical Summary,* various years.

119

118

CANDIDATES AND REGISTRANTS TO ONTARIO TEACHER EDUCATION SCHOOLS

1985 TO 1994

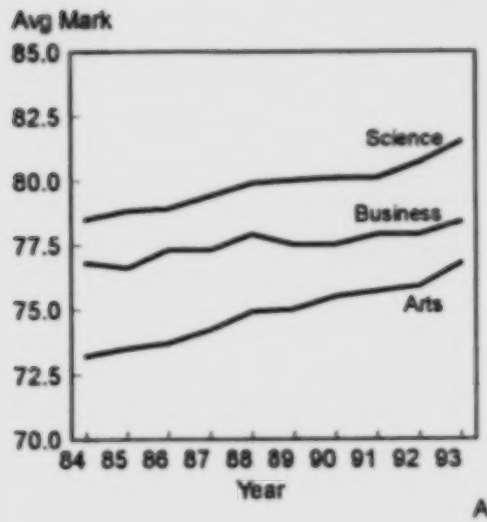


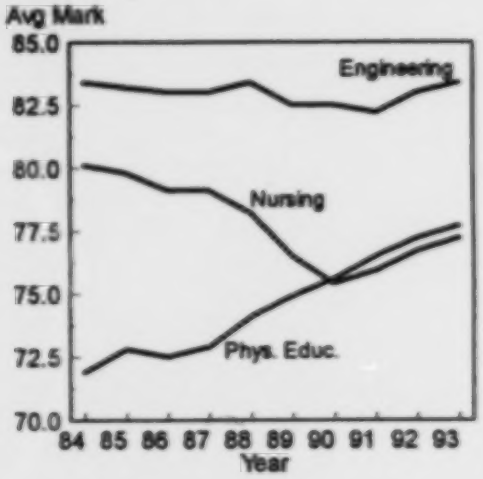
Candidates and Registrants to Ontario Teacher Education Schools by Gender, 1985 to 1994

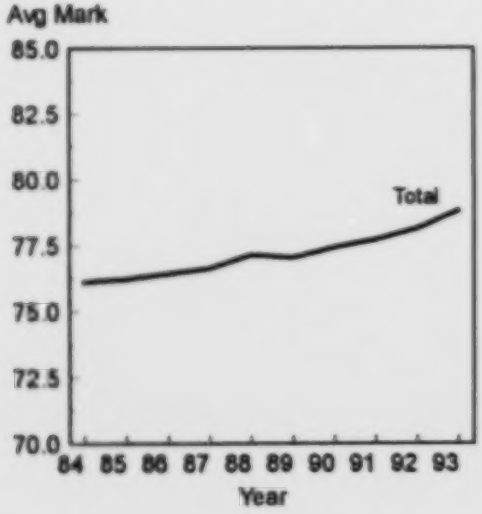
	Candidates			Registrants		
Year	Male	Female	Total	Male	Female	Total
1985	2,967	5,621	8,588	1,040	2,185	3,225
1986	3,207	6,010	9,217	1,035	2,280	3,315
1987	3,863	7,216	11,079	1,073	2,340	3,413
1988	4,639	9,624	14,263	1,215	2,521	3,736
1989	5,371	10,921	16,292	1,372	3,157	4,529
1990	6,706	13,097	19,803	1,573	3,499	5,072
1991	6,232	12,470	18,702	1,590	3,531	5,121
1992	6,005	12,030	18,035	1,585	3,429	5,014
1993	4,930	9,747	14,677	1,471	3,215	4,686
1994	4,036	8,216	12,252	1,513	3,227	4,740

Source: Council of Ontario Universities. Ontario Universities' Application Centre. Ontario Teacher Education Application Service. *Statistical Summary,* various years.

AVERAGE MARK RECEIVED BY REGISTERED SECONDARY SCHOOL APPLICANTS BY MAJOR PROGRAM GROUPING, 1984 TO 1993







124

125

Average Mark Received by Registered Secondary School Applicants by Major Program Grouping, 1984 to 1993

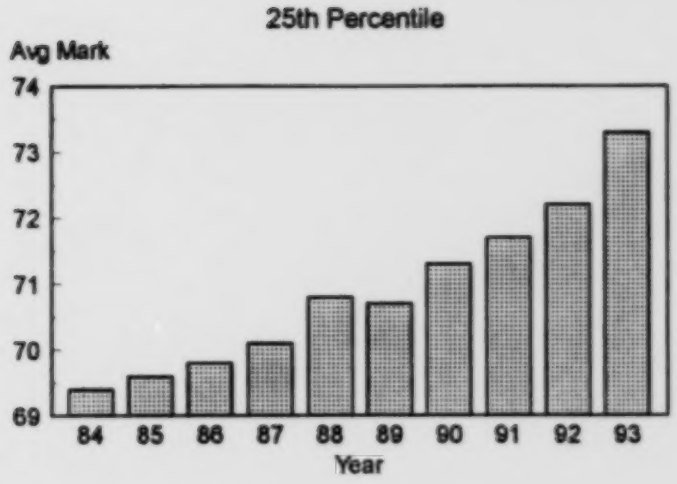
Program	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Arts	73.2	73.5	73.7	74.2	74.9	75.0	75.5	75.7	75.9	76.8
Science	78.5	78.8	78.9	79.4	79.9	80.0	80.1	80.1	80.7	81.5
Business & Commerce	76.8	76.6	77.3	77.3	77.9	77.5	77.5	77.9	77.9	78.4
Physical Education	71.9	72.8	72.5	72.9	74.1	74.9	75.6	76.5	77.2	77.7
Engineering	83.4	83.2	83.0	83.0	83.4	82.5	82.5	82.2	83.0	83.4
Nursing	80.1	79.8	79.1	79.1	78.2	76.5	75.4	75.9	76.7	77.2
Total	76.1	76.2	76.4	76.6	77.1	77.0	77.4	77.7	78.1	78.8

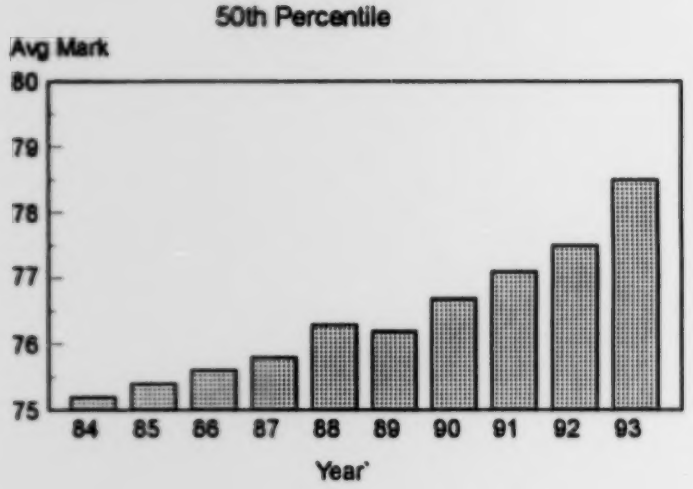
Source: Council of Ontario Universities.

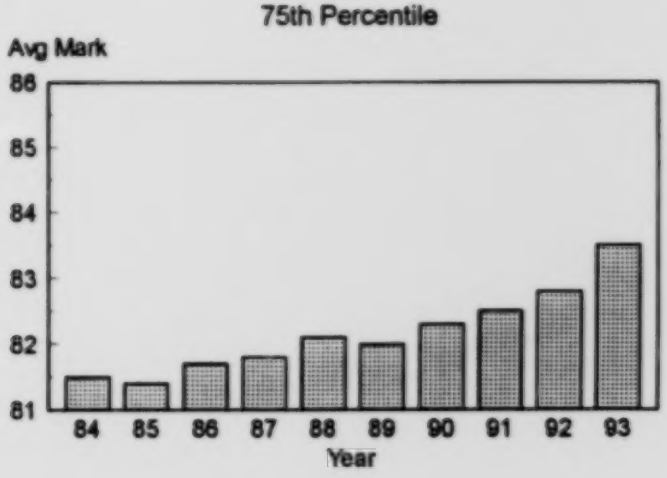
126

127

25TH,50TH, 75TH PERCENTILE CHANGE IN AVERAGE MARK OF REGISTERED SECONDARY SCHOOL APPLICANTS FROM 1984 TO 1993







128

123

Average Marks of Registered Secondary School Applicants, 1984 to 1993

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
25th percentile	69.4	69.6	69.8	70.1	70.8	70.7	71.3	71.7	72.2	73.3
50th percentile	75.2	75.4	75.6	75.8	76.3	76.2	76.7	77.1	77.5	78.5
75th percentile	81.5	81.4	81.7	81.8	82.1	82.0	82.3	82.5	82.8	83.5
Average (Mean)	75.2	75.4	75.6	75.8	76.3	76.2	76.7	77.1	77.5	78.5
Median	76.1	76.2	76.4	76.6	77.1	77.0	77.4	77.7	78.1	78.8
% Students >= 80%	37.1%	37.3%	38.2%	38.9%	40.5%	39.7%	41.6%	42.5%	44.3%	48.1%

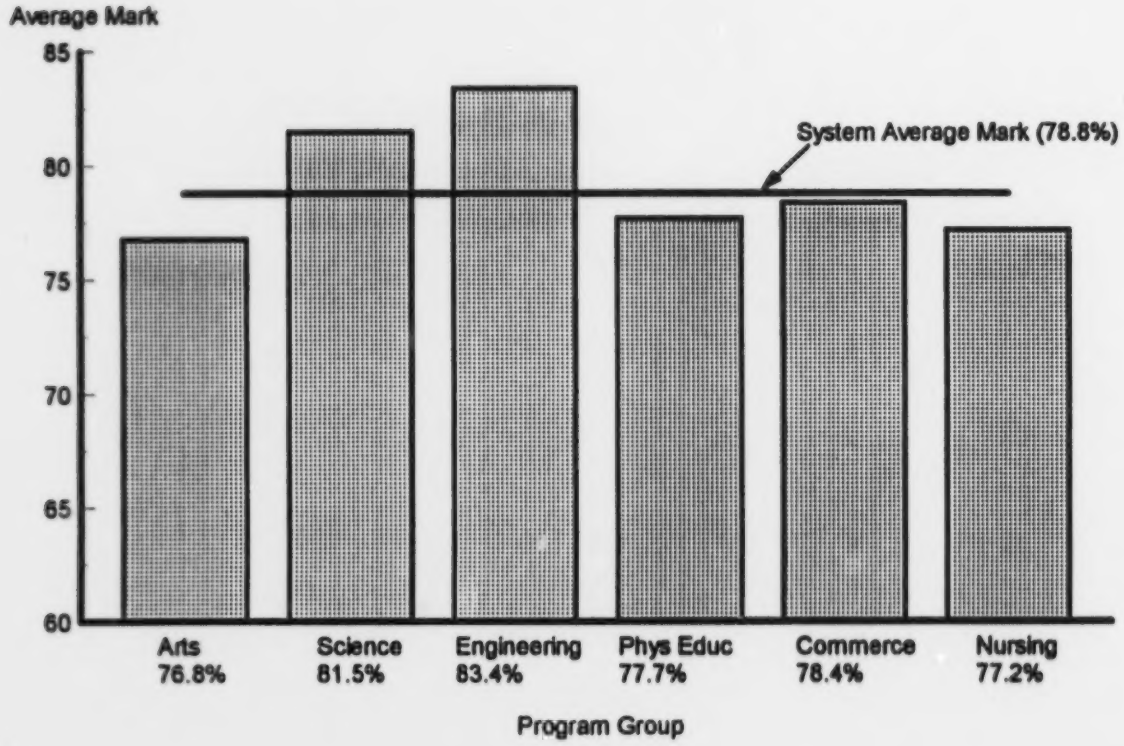
25th percentile: The average mark of the lowest 25% of the total registrants.
50th percentile: The average mark of 50% of the total registrants.
75th percentile: The average mark of the lowest 75% of the total registrants.

Average (Mean): Sum of *raw scores* divided by the total number of registrants.
Median: The point between the lower and upper halves of the distribution.

Source: Council of Ontario Universities.

131

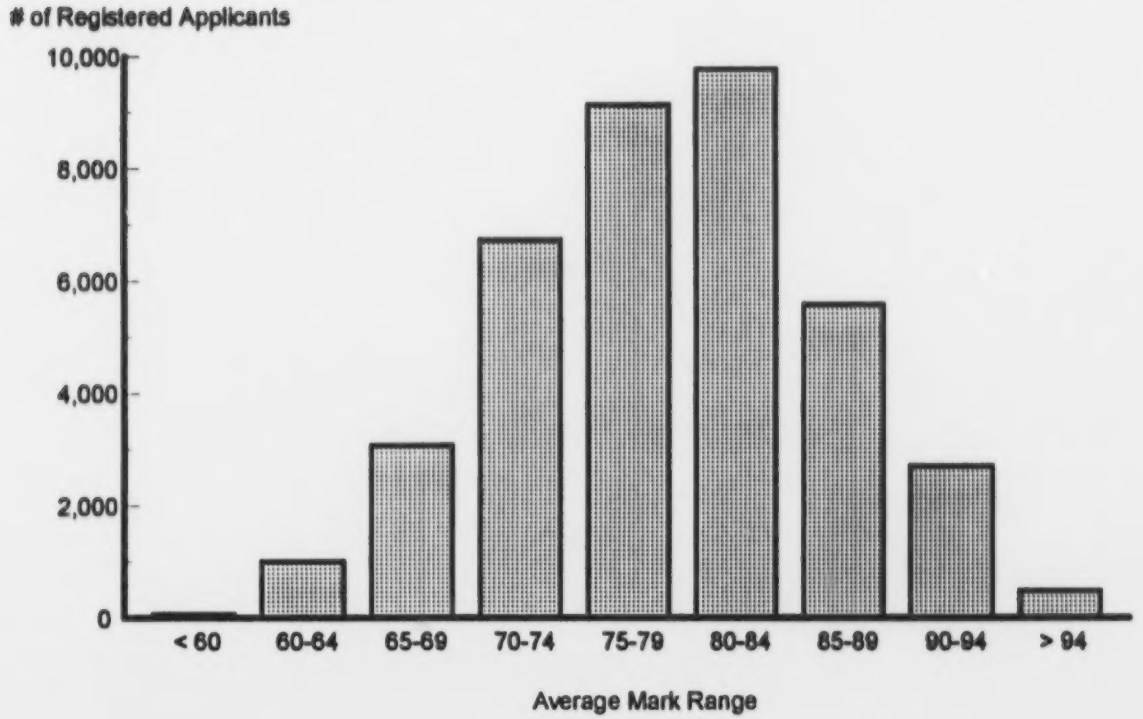
AVERAGE MARK RECEIVED BY REGISTERED SECONDARY SCHOOL APPLICANTS BY MAJOR PROGRAM GROUPING, 1993



132

133

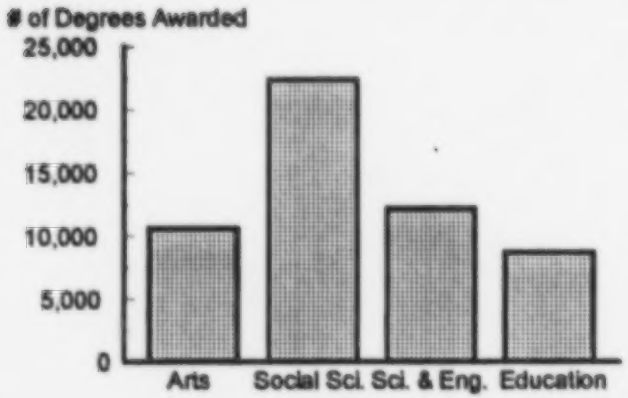
DISTRIBUTION OF REGISTERED SECONDARY SCHOOL APPLICANTS BY AVERAGE MARK RECEIVED, 1993



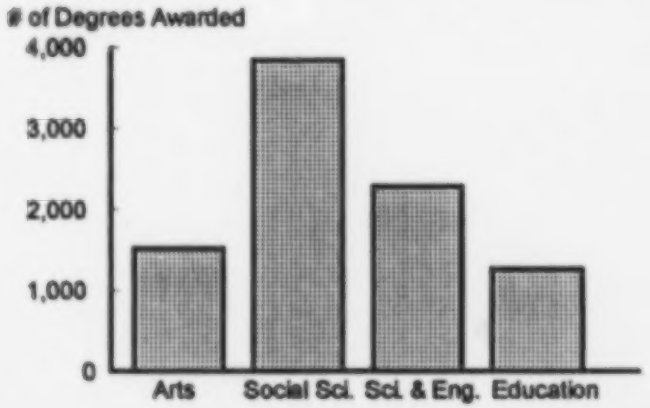
134

135

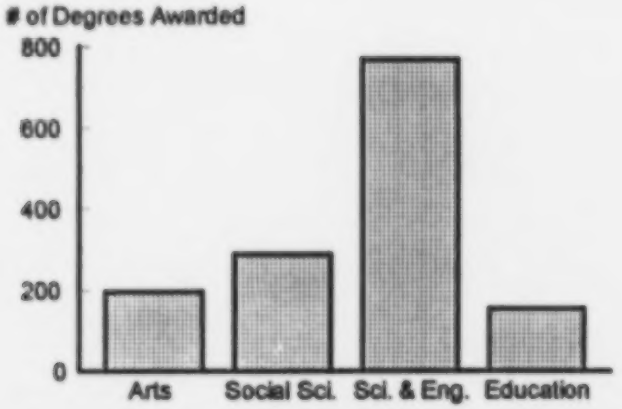
DEGREES AWARDED BY DISCIPLINE GROUP AND LEVEL, 1993



Undergraduate



Masters



Doctoral

136

137

Degrees Awarded by Level, Discipline Group and Gender, 1993

Discipline Group [1]	Undergraduate		Master's		Doctoral		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Arts	3,583	7,021	631	687	105	92	4,319	8,000
Social Science	9,496	12,895	2,119	1,726	168	121	11,782	14,742
Sci. & Engineering	7,024	5,189	1,451	836	596	173	9,070	6,198
Education	2,675	6,074	332	938	64	92	3,071	7,103
Total	22,777	31,179	4,533	4,387	933	477	28,243	36,043

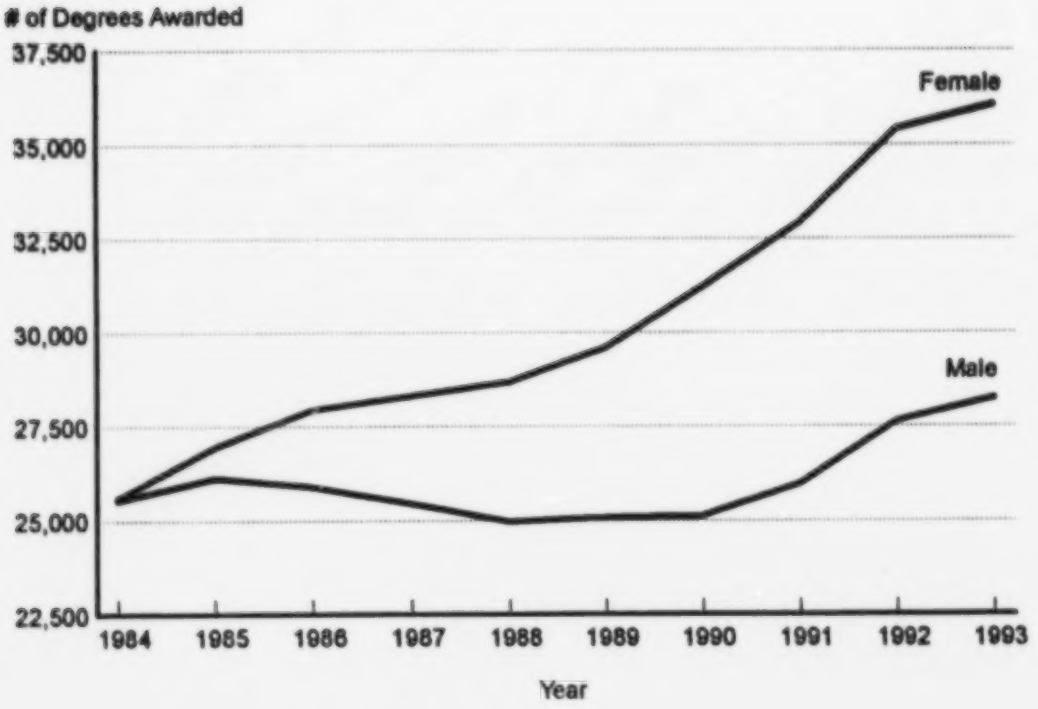
[1] The Discipline Groupings were derived from Statistics Canada's categories:

Arts	General Arts, Fine & Applied Arts, Humanities & Related.
Social Science	Social Science & Related.
Science & Engineering	General Science, Agricultural & Biological Sciences, Engineering & Applied Sciences, Health Professions & Occupations, Mathematics & Physical Sciences.
Education	Education

Arts & Science, Interdisciplinary Studies, Not Applicable, None, Not Reported were prorated into the above categories.

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch.

DEGREES AWARDED BY GENDER, 1984 TO 1993



140

141

TABLE 3.6.2

Degrees Awarded by Level and Gender, 1984 to 1993

Year	Undergraduate		Master's		Doctoral		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
1984	20,941	22,421	3,976	2,922	626	247	25,543	25,590
1985	21,486	23,644	3,978	3,052	665	251	26,129	26,947
1986	21,242	24,521	3,887	3,147	766	276	25,895	27,944
1987	20,923	24,688	3,776	3,300	743	328	25,442	28,316
1988	20,394	25,001	3,869	3,337	698	340	24,961	28,678
1989	20,481	25,877	3,887	3,349	713	369	25,081	29,595
1990	20,440	27,283	3,922	3,536	749	394	25,111	31,213
1991	21,065	28,793	4,063	3,702	845	426	25,973	32,921
1992	22,403	30,882	4,346	4,049	885	463	27,634	35,394
1993	22,777	31,179	4,533	4,387	933	477	28,243	36,043

Source: Ontario Ministry of Education and Training. Capital & Operating Grants Administration Branch, various years.

Ontario University Participation Rates by Gender, 1992-93

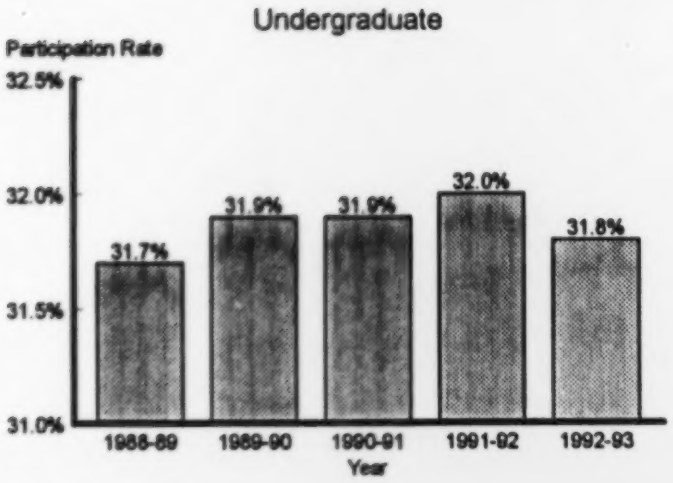
Level	Male	Female	Total
Full-time Undergraduate Enrolment as a percentage of Total Population aged 18 to 21	29.6%	33.9%	31.8%
Full-time Graduate Enrolment as a percentage of Total Population aged 22 to 24	7.0%	5.0%	6.0%
Full-time Total Enrolment as a percentage of Total Population aged 18 to 24	20.4%	21.9%	21.1%

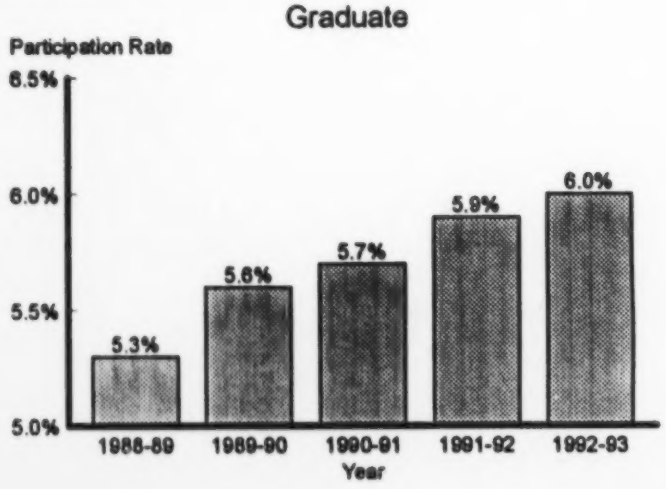
Source: Statistics Canada 81-229. *Education in Canada. A Statistical Review for 1992-93.* Table 22 Enrolment Indicators, Canada, Provinces and Territories 1988-89 to 1992-93.

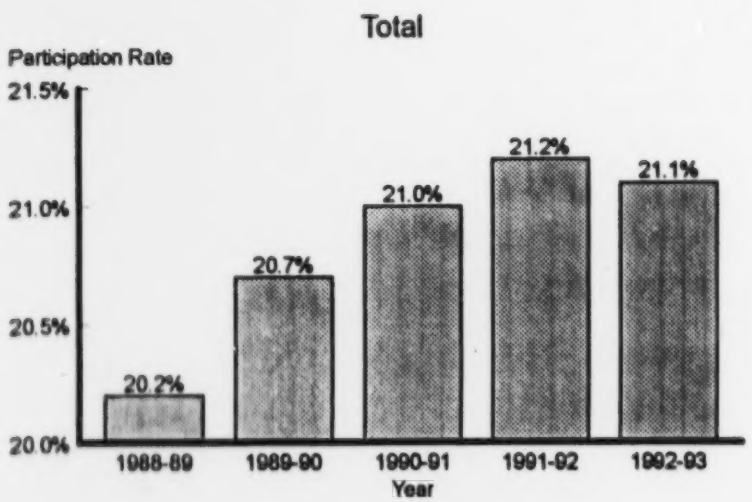
145

144

ONTARIO UNIVERSITY PARTICIPATION RATES, 1988-89 TO 1992-93







146

147

Ontario University Participation Rates, 1988-89 to 1992-93

Year	Undergraduate [1]	Graduate [2]	Total [3]	Male	Female
1988-89	31.7%	5.3%	20.2%	20.1%	20.3%
1989-90	31.9%	5.6%	20.7%	20.4%	21.1%
1990-91	31.9%	5.7%	21.0%	19.5%	21.6%
1991-92	32.0%	5.9%	21.2%	20.6%	21.9%
1992-93	31.8%	6.0%	21.1%	20.4%	21.9%

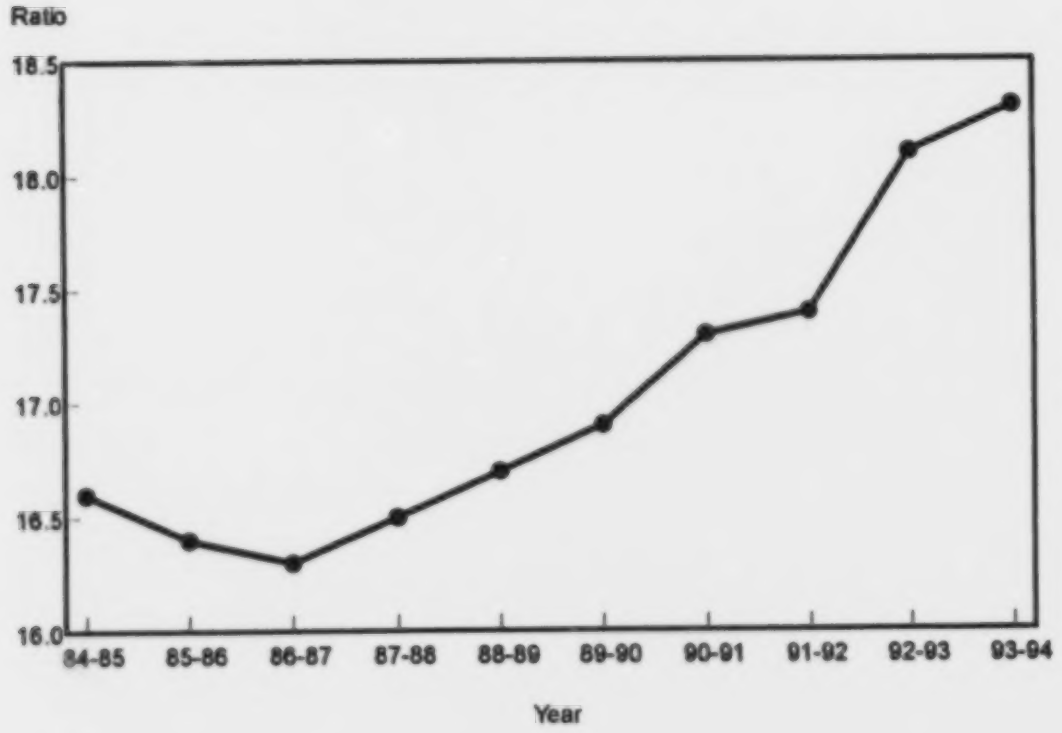
[1] Full-time undergraduate enrolment as a % of total population aged 18-21.
[2] Full-time graduate enrolment as a % of total population aged 22-24.
[3] Full-time total enrolment as a % of total population aged 18-24.

Source: Statistics Canada 81-229. *Education in Canada. A Statistical Review for 1992-93.*
Table 22 Enrolment Indicators, Canada, Provinces and Territories 1988-89 to 1992-93.

148

149

STUDENT/FACULTY RATIOS IN ONTARIO UNIVERSITIES
1984-85 TO 1993-94



151

15

Student / Faculty Ratios in Ontario Universities, 1984-85 to 1993-94

Year	FTE Enrolment / FTE Faculty
1984-85	16.6
1985-86	16.4
1986-87	16.3
1987-88	16.5
1988-89	16.7
1989-90	16.9
1990-91	17.3
1991-92	17.4
1992-93	18.1
1993-94	18.3

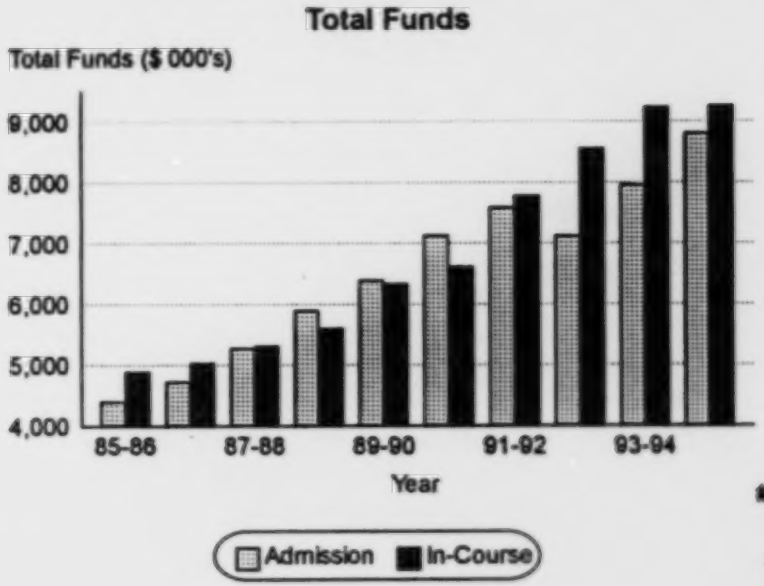
Sources:

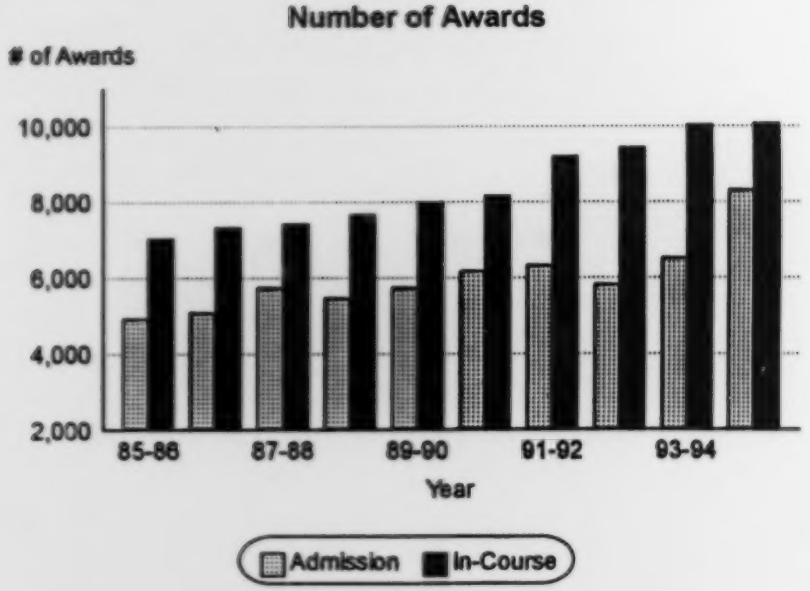
1. Council of Ontario Universities. *Financial Report of Ontario Universities*, Table 3 Expenses (all Expendable Funds) by Object and Type of Fund.
2. Ontario Ministry of Education and Training. Capital and Operating Grants Administration Branch.
3. Statistics Canada. Education, Culture and Tourism Division. *Salaries of Full-Time Staff at Canadian Universities & Colleges*

SECTION 4
SCHOLARSHIPS DATA

This section deals with undergraduate scholarships awarded in the Ontario university system. The number and dollar value of admission and in-course awards are shown, as well as data by gender.

NUMBER OF UNDERGRADUATE AWARDS AND TOTAL FUNDS, 1985-86 TO 1994-95





156

157

Number of Undergraduate Awards and Total Funds ($) by Type of Award, 1985-86 to 1994-95

	Number of Awards		Total Funds ($ 000's)	
Year	Admission	In-course	Admission	In-course
1985-86	4,926	7,034	$4,403	$4,884
1986-87	5,078	7,319	$4,722	$5,036
1987-88	5,738	7,420	$5,268	$5,313
1988-89	5,469	7,661	$5,892	$5,594
1989-90	5,730	7,982	$6,391	$6,337
1990-91	6,169	8,157	$7,132	$6,606
1991-92	6,314	9,200	$7,591	$7,774
1992-93	5,814	9,426	$7,118	$8,555
1993-94	6,516	10,027	$7,946	$9,232
1994-95	8,301	10,067	$8,803	$9,255

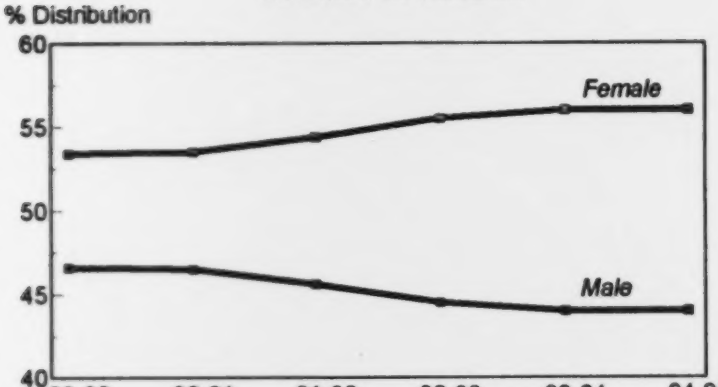
Source: Council of Ontario Universities. *Undergraduate Scholarships at Ontario Universities*, various years.

159

158

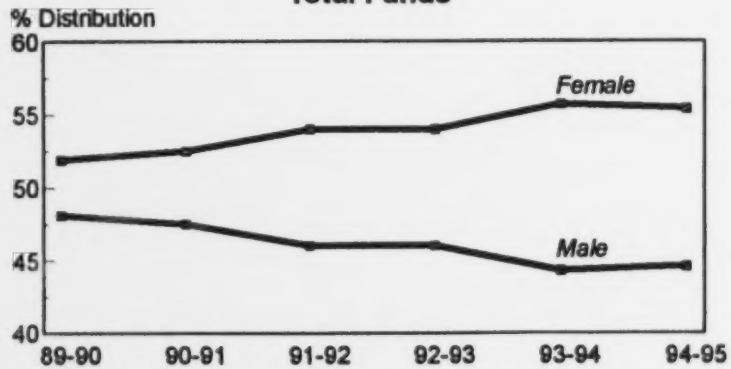
PERCENTAGE DISTRIBUTION OF UNDERGRADUATE AWARDS AND FUNDS BY GENDER, 1989-90 TO 1994-95

Number of Awards



Year	89-90	90-91	91-92	92-93	93-94	94-95
Male	*46.6*	*46.5*	*45.6*	*44.5*	*44.0*	*44.0*
Female	*53.4*	*53.5*	*54.4*	*55.5*	*56.0*	*56.0*

Total Funds



Year	89-90	90-91	91-92	92-93	93-94	94-95
Male	*48.1*	*47.5*	*46.0*	*46.0*	*44.3*	*44.6*
Female	*51.9*	*52.5*	*54.0*	*54.0*	*55.7*	*55.4*

160

161

TABLE 4.2

Number of Undergraduate Awards and Total Funds ($) by Gender, 1989-90 to 1994-95

Year	Number of Awards		Total Funds ($ 000's)	
	Male	Female	Male	Female
1989-90	6,391	7,321	$6,120	$6,608
1990-91	6,667	7,659	$6,528	$7,211
1991-92	7,072	8,442	$7,075	$8,290
1992-93	6,777	8,463	$7,211	$8,462
1993-94	7,285	9,258	$7,611	$9,567
1994-95	8,078	10,290	$8,048	$10,010

Source: Council of Ontario Universities. *Undergraduate Scholarships at Ontario Universities*, various years.

163

162

SECTION 5
FEES DATA

This section deals with tuition fees in the Ontario university system. Differences in fees for Canadian and foreign students are noted.

165

TABLE 5.1.1

Sample of Maximum Government Regulated [1] Tuition Fees in Ontario Universities, 1994-95

Program	Tuition Fees	
	Canadian Students	Foreign Students
Arts and Science	$2,228	$8,403
Engineering	$2,419	$13,699
Medicine, Dentistry	$2,834	$13,699
Graduate Studies	$3,356	$15,411

[1] 113% of formula fee. Excludes ancillary fees (eg. residence and student government).

Source: Ontario Ministry of Education and Training. *A Guide to Reporting USIS-UAR Information* Appendix A: Operating Formula Programs of Study, Weights and Fees.

166

167

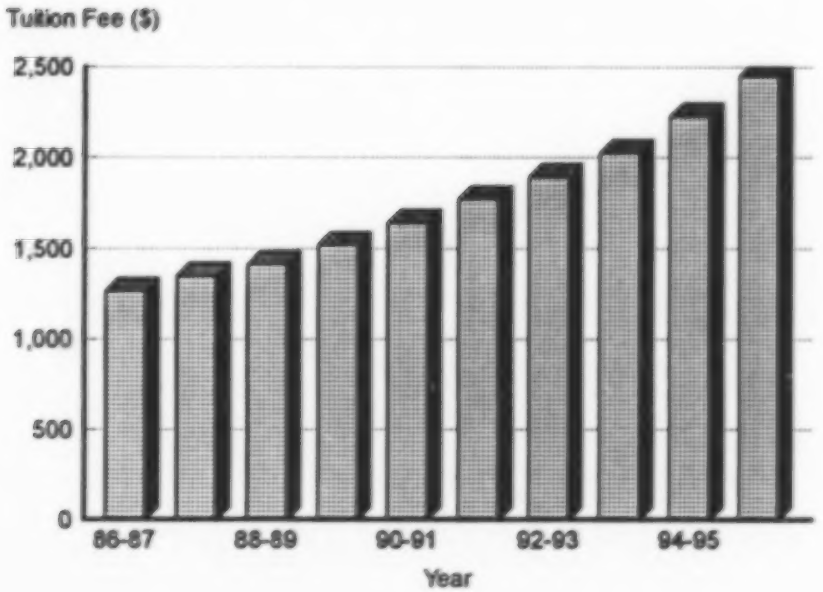
Sample of Maximum Government Regulated [1] Tuition Fees in Ontario Universities, 1995-96

Program	Tuition Fees	
	Canadian Students	Foreign Students
Arts and Science	$2,451	$9,243
Engineering	$2,661	$15,069
Medicine, Dentistry	$3,118	$15,069
Graduate Studies	$3,692	$16,953

[1] 113% of formula fee. Excludes ancillary fees (eg. residence and student government).

Source: Ontario Ministry of Education and Training. *A Guide to Reporting USIS-UAR Information* Appendix A: Operating Formula Programs of Study, Weights and Fees.

MAXIMUM GOVERNMENT REGULATED UNDERGRADUATE TUITION FEES IN ONTARIO UNIVERSITIES, 1986-87 TO 1995-96



Maximum Government Regulated [1] Tuition Fees in Ontario Universities, 1986-87 to 1995-96

Year	Undergraduate		Graduate	
	Canadian Students	Foreign Students	Canadian Students	Foreign Students
1986-87	$1,264	$4,767	$1,904	$8,742
1987-88	$1,350	$5,093	$2,034	$9,339
1988-89	$1,411	$5,322	$2,126	$9,760
1989-90	$1,518	$5,721	$2,285	$10,492
1990-91	$1,639	$6,179	$2,468	$11,333
1991-92	$1,770	$6,673	$2,665	$12,238
1992-93	$1,894	$7,139	$2,851	$13,096
1993-94	$2,026	$7,639	$3,051	$14,011
1994-95	$2,228	$8,403	$3,356	$15,411
1995-96	$2,451	$9,243	$3,692	$16,953

[1] Prior to 1987-88, the maximum allowable fee was 110% of the formula fee. Starting in 1987-88, the maximum fee is 113% of the formula fees. Excludes ancillary fees (eg. residence and student government).

Source: Ontario Ministry of Education and Training. *USIS-UAR Essential Notes and Reporting Instructions*, various years.

173

SECTION 6
FACULTY AND STAFF DATA

This section provides information on full-time and part-time Ontario faculty as well as non-academic staff.

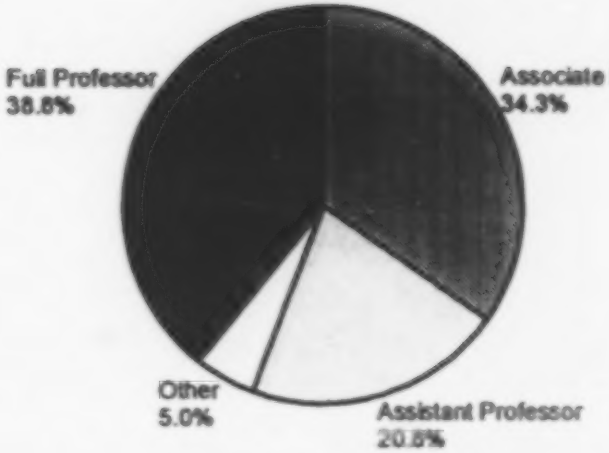
Faculty and Staff by Institution, 1993-94

	Full-time Faculty [1]	Part-time FTE Faculty [2]	Non-acad. FTE Staff [3]
Brock	314	65.7	436.4
Carleton	712	124.9	884.2
Guelph	759	95.8	1,384.8
Lakehead	254	56.7	400.2
Laurentian	318	43.9	339.3
McMaster	994	134.1	1,241.8
Nipissing	66	17.7	71.7
OISE	135	33.3	230.0
Ottawa	1,028	153.5	1,250.7
Queen's	964	139.3	1,249.5
Ryerson	533	44.9	700.6
Toronto	2,523	138.1	3,776.0
Trent	199	40.1	207.3
Waterloo	815	139.4	1,532.6
Western	1,357	110.6	1,586.3
WLU	281	47.1	420.8
Windsor	502	78.1	746.5
York	1,086	435.8	1,854.1
Total	12,840	1,899.0	18,312.8

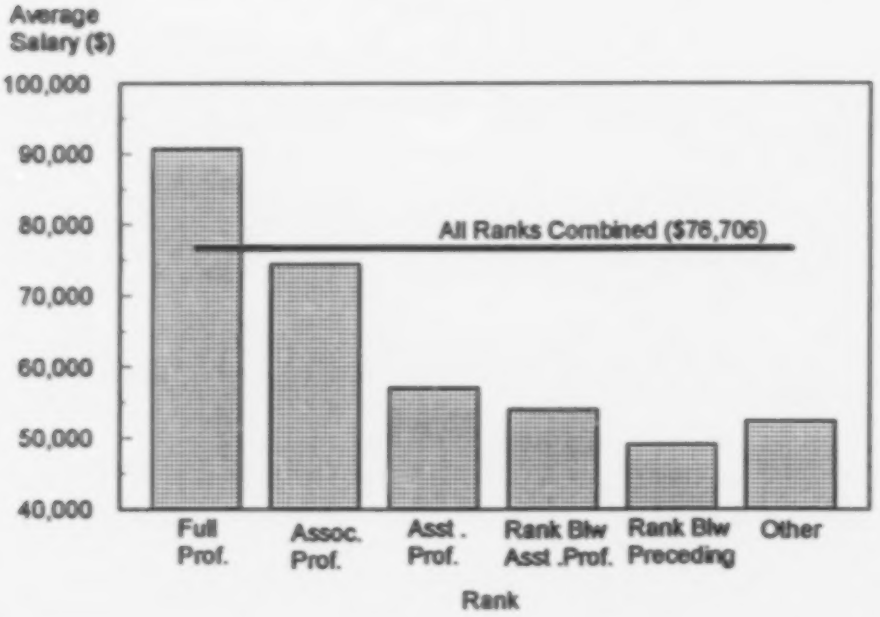
Note: The total full-time faculty figure does not agree with Table 6.2.2 as affiliates are excluded from this table.
The part-time FTE faculty figure does not agree with Table 6.3 as OCA is excluded from this table.
The non-academic FTE staff figure does not agree with Table 6.4 as OCA is excluded from this table.

Sources: [1] Statistics Canada. Education, Culture & Tourism Division. *Salaries of Full-time Staff at Canadian Universities & Colleges.*
[2] Council of Ontario Universities. *Survey on Faculty Complements.*
[3] Council of Ontario Universities. *Survey on Non-academic Employees in Ontario Universities.*

FULL-TIME ONTARIO FACULTY BY RANK, 1993-94



% Distribution of Faculty by Rank



Salary Distribution by Rank

173

173

Full-time Ontario Faculty by Rank, 1993-94

Rank [1]	# Full-time Faculty	Average Salary
Full Professors	5,106	$90,697
Associate Professors	4,513	$74,460
Assistant Professors	2,742	$57,084
Rank Below Assistant Professors	489	$54,011
Rank Below Preceding	120	$49,097
Other Teaching Staff	48	$52,354
All Ranks Combined (incl. Deans)	13,175	$76,706

[1] There is a total of 38 visiting staff at Ontario institutions (they are not included in the table).

See Appendix for a list of institutions included and an explanation of Statistics Canada reporting format.

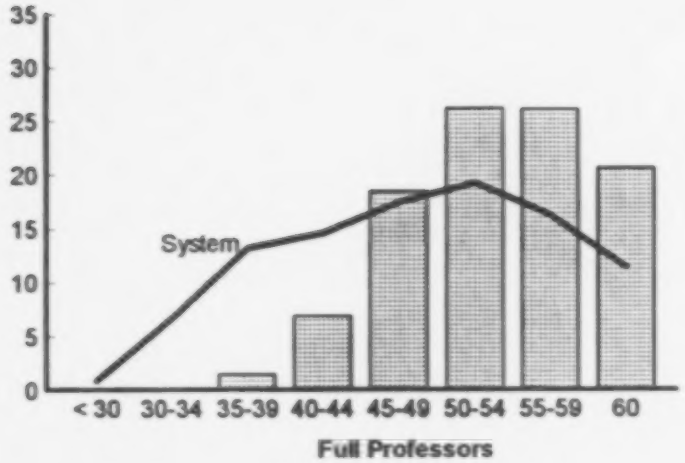
Source: Statistics Canada. Education, Culture and Tourism Division. *Salaries of Full-time Staff at Canadian Universities & Colleges*.

180

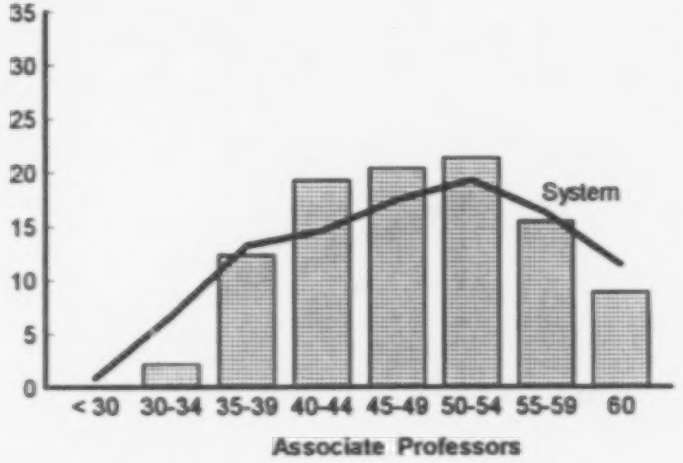
181

BEST COPY AVAILABLE

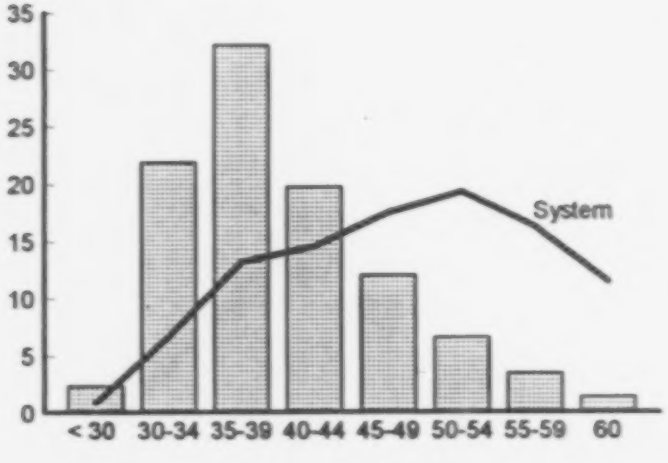
PERCENTAGE OF FULL-TIME ONTARIO FACULTY BY RANK AND AGE GROUP, 1993-94



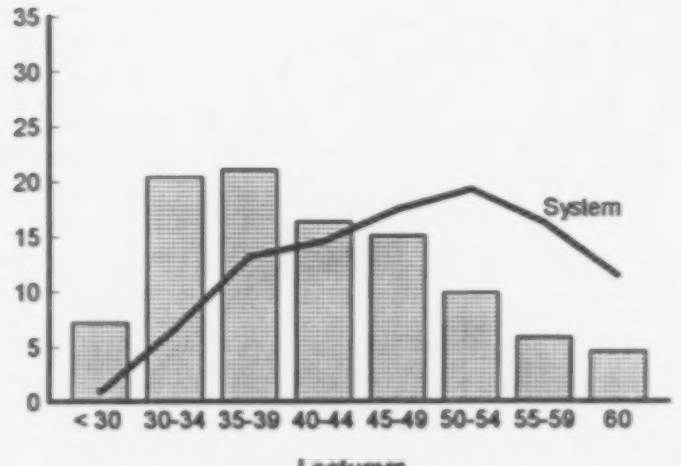
Full Professors



Associate Professors



Assistant Professors



Lecturers

TABLE 6.2.2

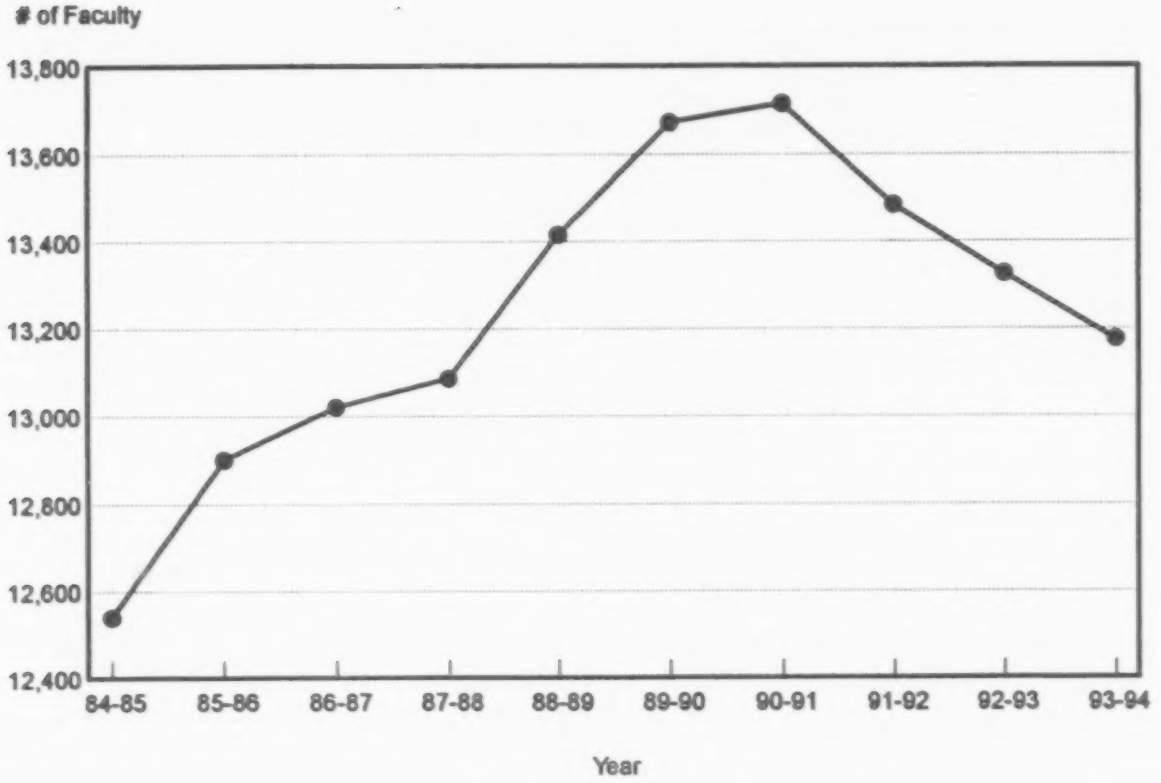
Percentage Distribution of Full-time Ontario Faculty by Rank and Age Group, 1993-94

	Age Group								
Rank	< 30	30-34	35-39	40-44	45-49	50-54	55-59	60+	Total
Full Professors	0.0	0.1	1.5	6.9	18.5	26.2	26.1	20.7	100.0
Associate Professors	0.0	2.2	12.4	19.3	20.4	21.4	15.5	8.9	100.0
Assistant Professors	2.4	21.9	32.2	19.8	12.1	6.6	3.5	1.4	100.0
Lecturers	7.2	20.4	21.1	16.4	15.1	9.9	5.9	4.6	100.0
Total	0.9	6.7	13.2	14.6	17.5	19.3	16.3	11.5	100.0

Note: These figures do not agree with Table 6.2.1.

Source: Statistics Canada. Salary Analysis of Full-time Teachers in Canadian Universities and Colleges, 1993-94

FULL-TIME ONTARIO FACULTY
1984-85 TO 1993-94



186

187

Full-time Ontario Faculty, 1984-85 to 1993-94

Year	# Full-time Faculty [1]	Average Salary
1984-85	12,540	$48,376
1985-86	12,900	$51,272
1986-87	13,020	$54,036
1987-88	13,085	$57,222
1988-89	13,415	$60,085
1989-90	13,671	$63,656
1990-91	13,714	$68,538
1991-92	13,483	$73,356
1992-93	13,326	$76,614
1993-94	13,175	$76,706

[1] All Ranks Combined figure. Includes medical / dental.

See Appendix for a list of institutions included and an explanation of Statistics Canada reporting format.

Source: Statistics Canada. *Salaries and Salary Scales of Full-time Teaching Staff at Canadian Universities*, various years.

PART-TIME ONTARIO FTE FACULTY
1984-85 TO 1993-94

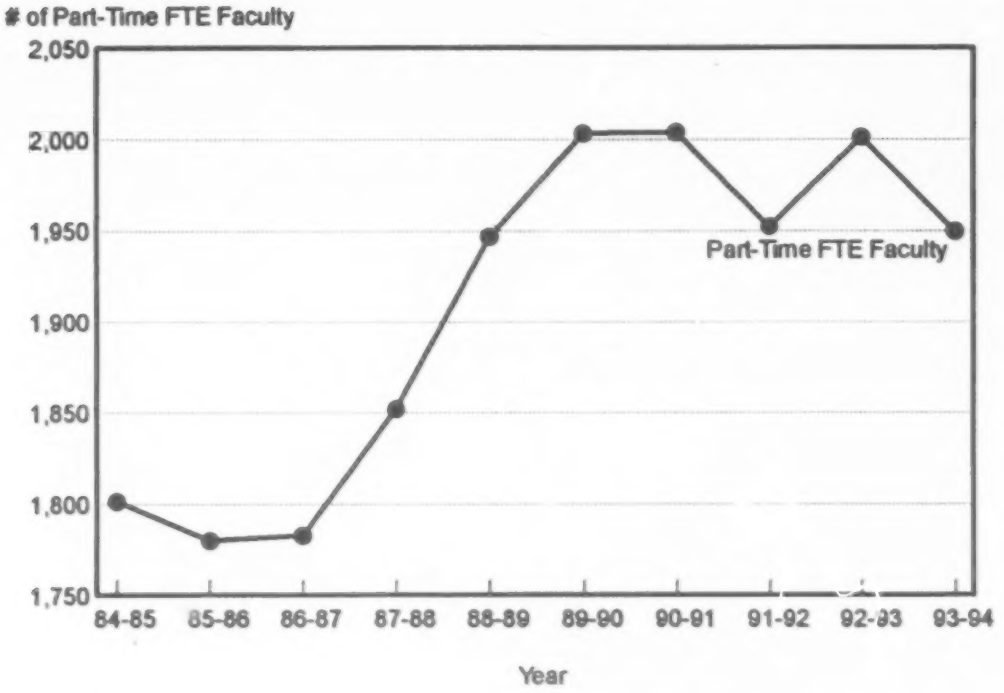


TABLE 6.3

Part-time Ontario FTE Faculty [1], 1984-85 to 1993-94

Year	# Part-time Faculty (FTE)
1984-85	1,801.3
1985-86	1,780.0
1986-87	1,782.9
1987-88	1,851.9
1988-89	1,946.7
1989-90	2,003.3
1990-91	2,003.8
1991-92	1,952.2
1992-93	2,001.2
1993-94	1,949.6

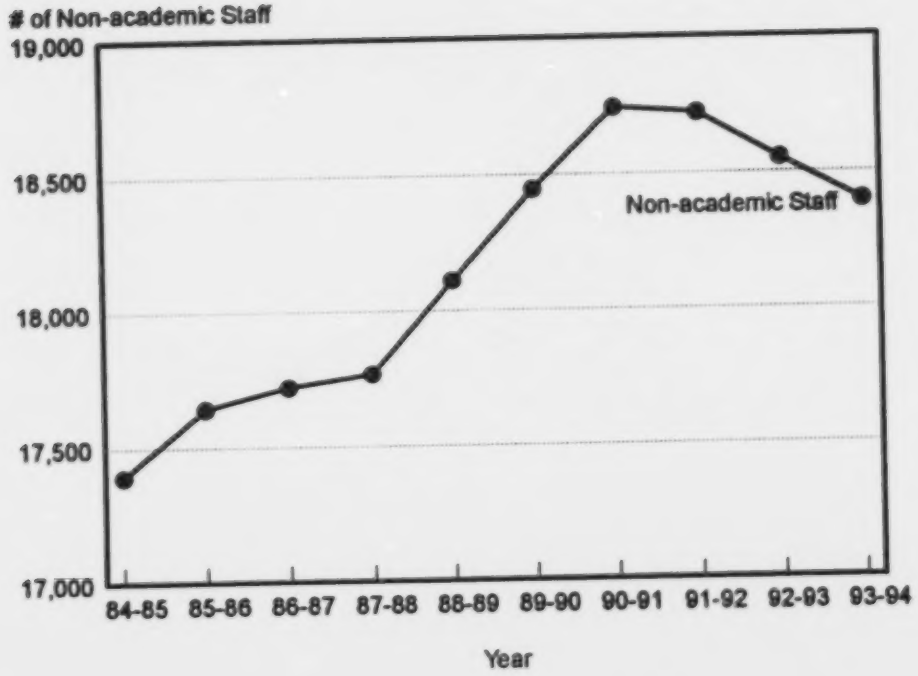
[1] Part-Time figures are expressed as FTE (Full-time equivalent).

Source: Council of Ontario Universities. *Survey on Faculty Complements*, various years.

192

193

NUMBER OF NON-ACADEMIC STAFF
1984-85 TO 1993-94



Non-academic Staff [1,2] by Average Salary, 1984-85 to 1993-94

Year	Non-academic Staff (FTE)	Average Salary
1984-85	17,390.4	$23,632
1985-86	17,639.8	$24,884
1986-87	17,716.8	$26,240
1987-88	17,764.0	$27,759
1988-89	18,109.6	$29,556
1989-90	18,443.3	$31,432
1990-91	18,741.2	$33,914
1991-92	18,720.0	$36,790
1992-93	18,551.6	$38,572
1993-94	18,393.8	$38,822

[1] Excludes staff at affiliated and federated institutions. Excludes the cost of benefits.

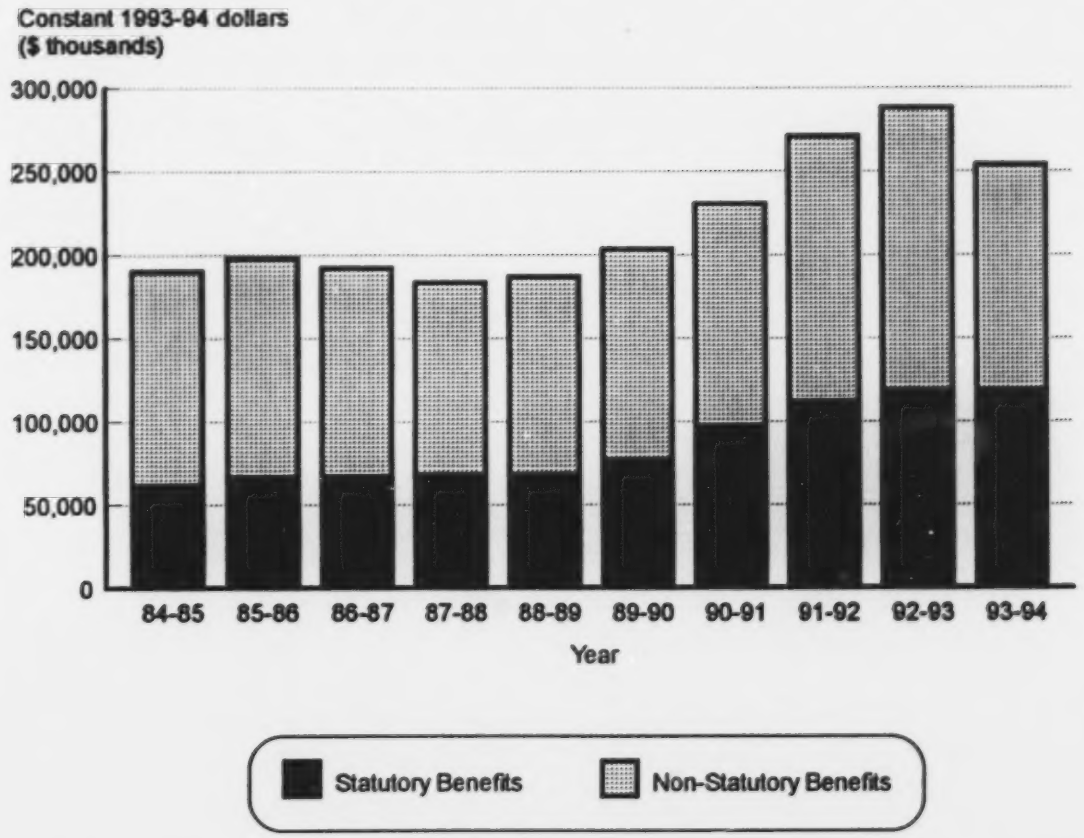
[2] Non-academic Staff are expressed as FTE (Full-time equivalent).

Source: Council of Ontario Universities. *Survey on Non-academic Employees in Ontario Universities*, various years.

196

197

COMPARISON OF BENEFIT COSTS, 1984-85 TO 1993-94



Comparison of Benefit Costs [1], 1984-85 to 1993-94

In constant 1993-94 dollars ($ thousands)

Benefits	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
Statutory										
O.H.I.P.	13,509	13,255	13,046	12,620	12,184	8,276	na	na	na	na
Canada Pension	15,541	16,690	17,937	18,362	19,463	21,222	22,829	24,717	25,750	25,956
Workers' Compensation	3,193	3,739	4,179	4,757	5,007	5,105	5,620	5,971	6,727	6,610
Unemployment Insurance	29,369	30,896	31,690	32,417	31,402	30,552	34,828	44,829	49,339	49,636
Employer Health Tax	na	na	na	na	na	11,444	34,037	36,233	36,562	36,410
Total: Statutory	61,612	66,580	66,852	68,156	68,056	76,599	97,314	111,750	118,378	118,612
Non-Statutory										
Pension [2]	93,802	92,313	90,993	99,072	75,827	78,458	81,033	98,003	105,696	65,191
Group Life Insurance	6,755	7,045	6,968	7,363	7,717	8,387	8,948	8,032	9,465	9,954
Long Term Disability	6,944	6,865	6,924	7,138	7,643	7,255	7,923	8,456	9,181	9,320
Dental Insurance	9,298	10,626	11,643	12,518	12,969	14,844	15,118	17,462	17,096	20,025
Extended Health Care	5,611	6,949	7,505	8,112	9,381	10,780	12,909	14,893	16,354	21,408
Tuition Remission	5,706	5,818	5,710	5,247	5,798	5,999	6,899	7,269	7,124	7,520
Other	606	1,693	(4,177)	(23,866)	(362)	1,098	304	5,243	4,581	2,022
Total: Non-Statutory	128,722	131,309	125,566	115,584	118,973	126,821	133,134	159,358	169,497	135,440
Total Benefits	190,334	197,889	192,418	183,740	187,029	203,420	230,448	271,108	287,875	254,052

1 Excludes OCA, Algoma, Nipissing, Hearst.

2 Includes *current service, experience deficiency* and *past service liability.*

Source: Council of Ontario Universities. *The Financial Position of Universities in Ontario: 1995*. Table 31. Comparison of Benefit Costs.

201

TABLE 6.5A

Percentage Distribution of Benefit Costs [1], 1984-85 to 1993-94

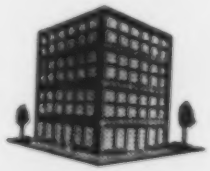
Benefits	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94
Statutory										
O.H.I.P.	7.1	6.7	6.8	6.9	6.5	4.1	na	na	na	na
Canada Pension	8.2	9.4	9.3	10.0	10.4	10.4	9.9	9.1	8.9	10.2
Workers' Compensation	1.7	1.9	2.2	2.6	2.7	2.5	2.4	2.2	2.3	2.6
Unemployment Insurance	15.4	15.6	16.5	17.6	16.8	15.0	15.1	16.5	17.1	19.5
Employer Health Tax	na	na	na	na	na	5.6	14.8	13.4	12.7	14.3
Total: Statutory	***32.4***	***33.6***	***34.7***	***37.1***	***36.4***	***37.7***	***42.2***	***41.2***	***41.1***	***46.7***
Non-Statutory										
Pension [2]	49.3	46.6	47.3	53.9	40.5	38.6	35.2	36.1	36.7	25.7
Group Life Insurance	3.5	3.6	3.6	4.0	4.1	4.1	3.9	3.0	3.3	3.9
Long Term Disability	3.6	3.5	3.6	3.9	4.1	3.6	3.4	3.1	3.2	3.7
Dental Insurance	4.9	5.4	6.1	6.8	6.9	7.3	6.6	6.4	5.9	7.9
Extended Health Care	2.9	3.5	3.9	4.4	5.0	5.3	5.6	5.5	5.7	8.4
Tuition Remission	3.0	2.9	3.0	2.9	3.1	2.9	3.0	2.7	2.5	3.0
Other	0.3	0.9	(2.2)	(13.0)	(0.2)	0.5	0.1	1.9	1.6	0.8
Total: Non-Statutory	***67.6***	***66.4***	***65.3***	***62.9***	***63.6***	***62.3***	***57.8***	***58.8***	***58.9***	***53.3***

1 Excludes OCA, Algoma, Nipissing, Hearst.
2 Includes *current service, experience deficiency* and *past service liability.*

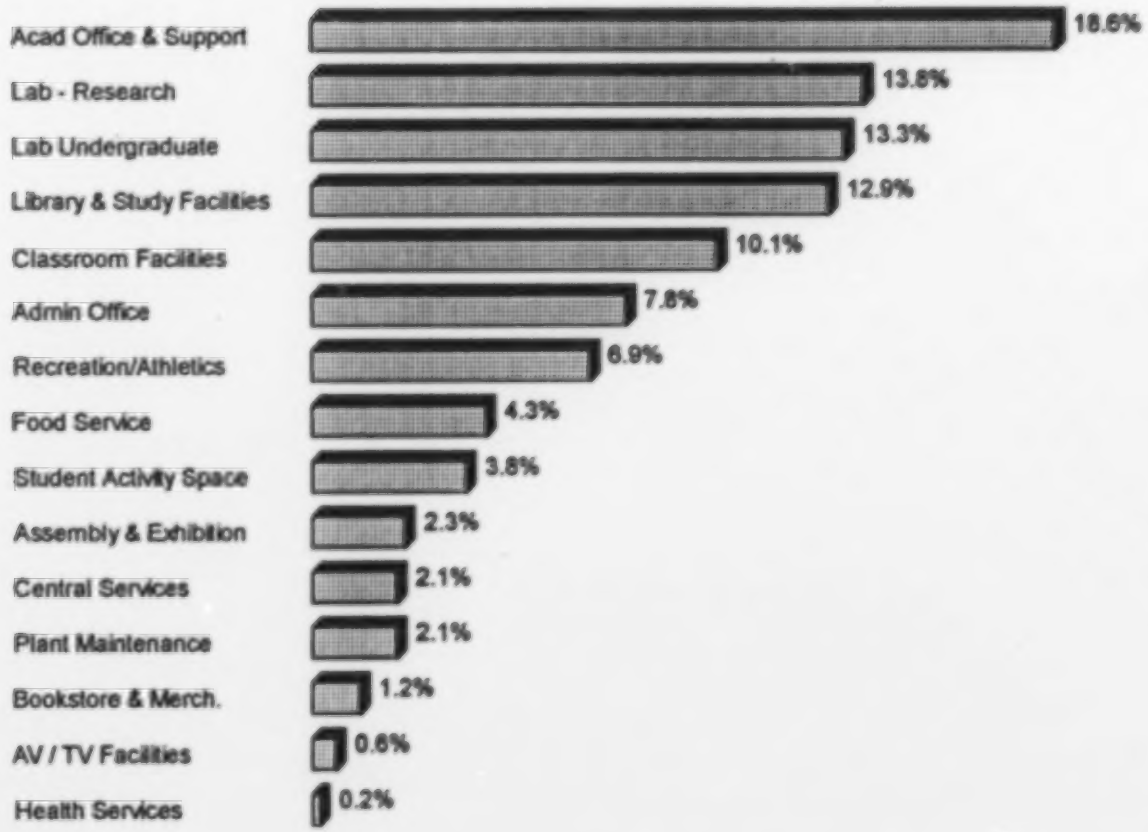
Source: Council of Ontario Universities. *The Financial Position of Universities in Ontario: 1995*. Table 31. Comparison of Benefit Costs.

SECTION 7
PHYSICAL FACILITIES

This section deals with the physical plant of Ontario universities, including age profile and functional breakdown of space usage.



FUNCTIONAL BREAKDOWN OF FORMULA SPACE USAGE
1992-93



206

207

Functional Breakdown of Formula Space Usage, 1992-93

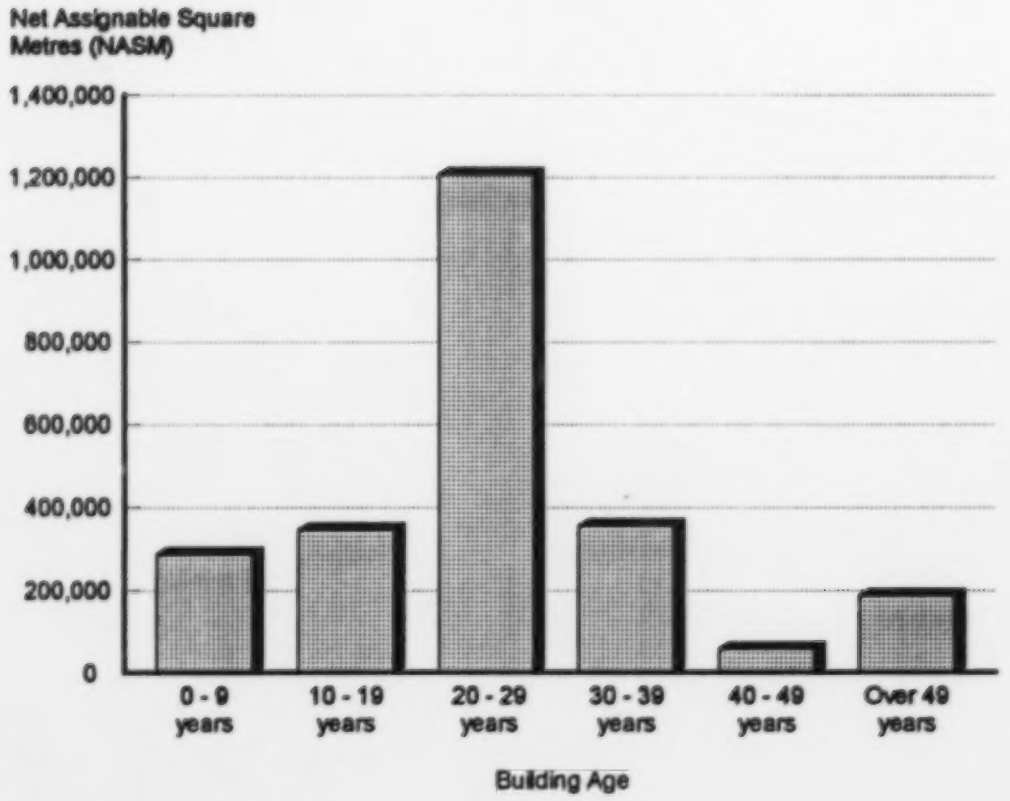
Space Category	Net Assignable Sq. Metres (NASM)	% Dist.	Space Category	Net Assignable Sq. Metres (NASM)	% Dist.
Acad Office & Support	457,342	18.6%	Student Activity Space	92,344	3.8%
Lab Research	339,867	13.8%	Assembly & Exhibition Facilities	56,281	2.3%
Lab Undergraduate	326,451	13.3%	Central Services	50,849	2.1%
Library & Study Facilities	318,214	12.9%	Plant Maintenance	50,562	2.1%
Classroom Facilities	247,913	10.1%	Bookstore & Merch. Facilities	30,031	1.2%
Admin Office	192,525	7.8%	AV / TV Facilities	14,264	0.6%
Recreation/Athletic Space	168,970	6.9%	Health Service Facilities	5,617	0.2%
Food Service	106,188	4.3%			

Source: Council of Ontario Universities. *Inventory of Physical Facilities of Ontario Universities. 1992-93.*
Table 2: Distribution of NASM by Major Space Category and Institution.

208

203

AGE PROFILE OF ONTARIO UNIVERSITY BUILDING SPACE, 1992-93



- *Half of the Ontario university buildings are between 20 and 29 years old.*
  - *This reflects an increase in the size and number of universities in the 1960s.*
- *The average age of all Ontario university buildings is 27.2 years.*

211

210

Age Profile of Ontario University Building Space, 1992-93

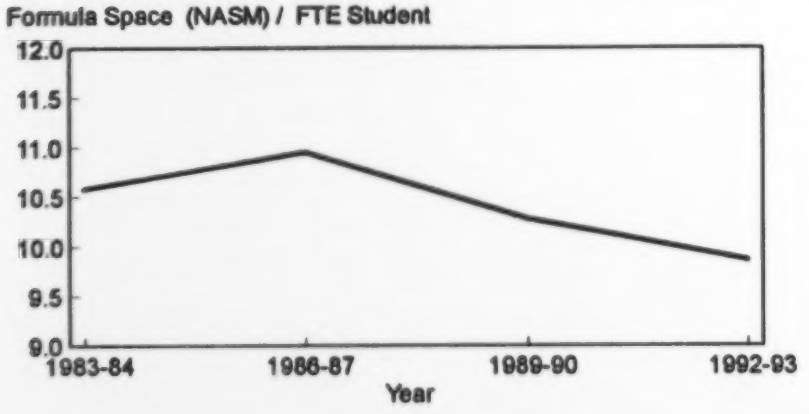
Building Age	Net Assignable Square Metres (NASM)	% Distribution
0 to 9 years	287,216	11.8%
10 to 19 years	345,716	14.2%
20 to 29 years	1,207,346	49.4%
30 to 39 years	355,880	14.6%
40 to 49 years	58,539	2.4%
Over 49 years	186,859	7.7%
Total NASM	2,441,556	100.0%
Average Age	**27.2 years**	

Source: Council of Ontario Universities. *Inventory of Physical Facilities of Ontario Universities. 1992-93.* Table 3: Age Profile of Ontario University Space.

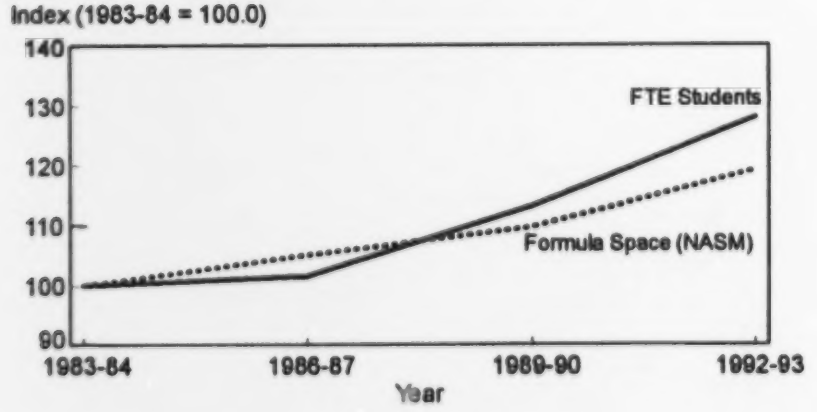
213

212

CHANGES IN FORMULA SPACE (NASM) RELATIVE TO FTE STUDENTS 1983-84 TO 1992-93



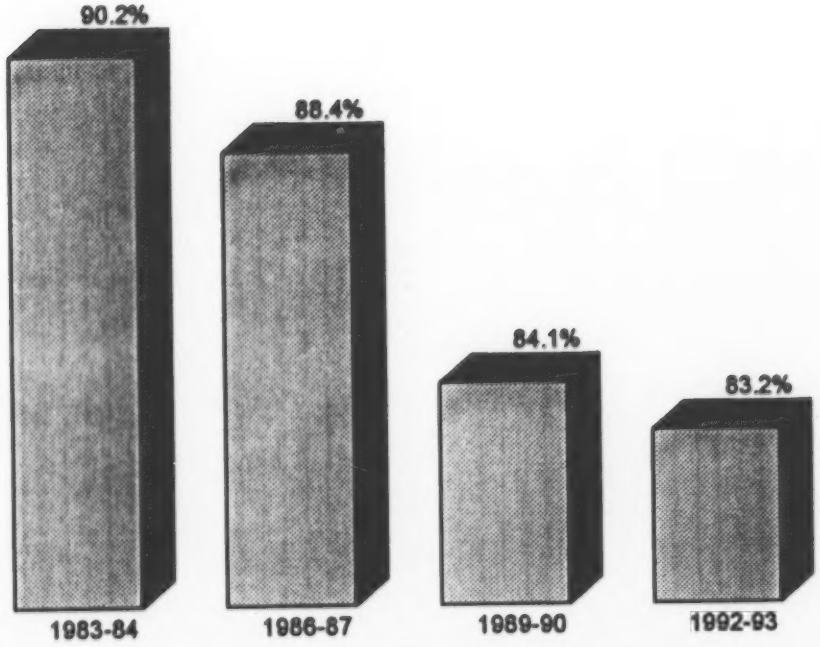
CHANGE TO FORMULA SPACE AND FTE STUDENTS, 1983-84 TO 1992-93 (BASE YEAR 1983-84 =100.0)



214

215

PERCENTAGE OF INVENTORY / GENERATED SPACE
1983-84 TO 1992-93



- *Existing university space inventory continues to be less than is required for most university functions.*
- *In 1992-93 the actual inventory represented 83.2% of the total space required.*

216

217

APPENDIX

Glossary of Terms and Definitions

APPENDIX: GLOSSARY OF TERMS AND DEFINITIONS

APPLICANTS
Persons who are applying for fall entry into full-time study in first year at an Ontario university.

APPLICANTS - SECONDARY SCHOOL
Secondary school applicants refer to those applicants who were registered during the previous academic year as full-time day students in the OAC year at an Ontario secondary school.

APPLICANTS - NON-SECONDARY SCHOOL
Non-secondary applicants refer to those applicants who were *NOT* "secondary school" applicants, as defined above.

APPLICANTS - REGISTERED
Applicants who subsequently registered at an Ontario university.

AWARDS - ADMISSION
Admission awards are those awards for which the selection of recipients is made at or before the time of the recipients' first registration in the first year of university studies.

AWARDS - IN-COURSE
In-course awards are all other awards *NOT* classified as admission awards.

CANDIDATES
An applicant to medical school or teacher education school.

CONSTANT DOLLARS
Calculation which shows the change in the dollar value excluding the CPI factor.

CPI
The Consumer Price Index is a widely accepted yardstick for measuring changes through time in the purchasing power of the consumer dollar, spent for such common requirements as food, shelter, clothing, transportation, recreation, etc.

The CPI is calculated in the following manner:
Monthly CPI figures are obtained from Statistics Canada (from May to April). Fiscal year averages are then calculated. The percentage change is then calculated and used in the derivation of the CPI figure.

CPI values used in the calculation of Constant Dollars.

1984-85	71.8	1989-90	88.9
1985-86	74.5	1990-91	93.4
1986-87	77.7	1991-92	97.2
1987-88	81.0	1992-93	98.7
1988-89	84.4	1993-94	100.0

FEES

(A) FORMULA
Standard fees established by the government of Ontario. Fees vary by program and level.

(B) MAXIMUM GOVERNMENT REGULATED TUITION FEES
The government introduced a provision in 1980-81 allowing institutions to set tuition fee rates of up to 110% of the standard tuition fee rates without reduction in operating grants. This provision was amended for 1987-88, as a result of changes in policy governing ancillary fee structures, providing for tuition fee rates of up to 113% of the standard fee rates.

(C) FOREIGN STUDENT FEES
International students are charged additional fees, over and above the rate for domestic students. The rate charged is dependent on the program in which the international student is registered. Fees vary by program and level.

FORMULA SPACE
Formula space is usable or assignable space for which space standards could normally be developed. The formula categories provide for the full range of functions and services needed in a contemporary university.

FORMULA SPACE, CONT'D

Formula space excludes residence, health care facilities, animal space, day care facilities and non-assignable space (corridors, washroom facilities, mechanical areas, etc.).

FTE FACULTY

Full-time equivalent of faculty at Ontario institutions.

FTE NON-ACADEMIC STAFF

Full-time equivalent of non-academic staff. Positions which are full-time for 8 months would be counted as 0.67. Half-time positions for 12 months would be counted as 0.50.

The reported data are for those non-academic staff paid from operating funds. Non-academic staff refers to non-instructional (support) staff including among others; technicians, clerical and secretarial, professional and managerial, janitorial, trades and maintenance.

FTE PART-TIME FACULTY

Full-time equivalent of part-time faculty. This figure is derived by dividing the average salary figure of tenure stream and limited term faculty by the total part-time salary bill.

FTE STUDENTS

An FTE student is a student whose study load in the term is equal to the normal full-time study load for his or her program and level of registration in the academic year.

The term *Fiscal Full-time Equivalent (FFTE)* refers to undergraduate enrolment;

The term *Full-time Equivalent (FTE)* refers to graduate enrolment.

MEDIAN INCOME

The median income is that amount which divides the income size distribution into two halves, i.e. the incomes of the first half of the income units are below the median, while those of the second half are above the median.

OBJECT OF EXPENSE

For a more precise definition of the categories employed, please see *Financial Report of Ontario Universities*. pages 13 - 16.

OPERATING EXPENSES

All operating expenses of the Ontario institutions including; instruction and (non-sponsored) research, library, central computing and communications, student services, administration and physical plant.

OPERATING GRANTS

All grants and contracts received from the Ontario Ministry of Education & Training and other Ontario government departments and agencies, federal and municipal governments, governmental agency sources, other provinces and foreign governments which are used as operating revenue in the General Expendable Fund.

RANK

This element reports the staff member's current academic rank.

- Rank Below Assistants-
lecturers, instructors and teachers with comparable faculty status.
- Rank Below Preceding -
teachers below the rank of lecturer or equivalent.
- Other Teaching Staff-
ungraded staff.

SOURCE OF FUND

For a more precise definition of the categories employed, please see *Financial Report of Ontario Universities*. pages 6 - 9.

STATISTICS CANADA REPORTING

Listing of Institutions Included
Where applicable, the figures include medical/dental staff.
Brock University, Carleton University, University of Guelph, Lakehead University, Laurentian University, Algoma University College, Nipissing University, McMaster University, O.I.S.E., University of Ottawa, Universite St. Paul, Queen's University, Ryerson Polytechnic University, University of Toronto, University of St. Michael's College, University of Trinity College, Victoria University, Trent University, University of Waterloo, University of St. Jerome's College, University

STATISTICS CANADA REPORTING, CONT'D

of Western Ontario, Huron College, King's College, Wilfrid Laurier University, University of Windsor, York University and Redeemer College.

Explanation of Statistics Canada reporting format
Statistics Canada will not release information for any institution that has less than 25 full-time teaching staff.
The Statistics Canada survey includes only full-time staff that have a teaching assignment and that are under contract for a period of four months or more.

TYPE OF FUND
For a more precise definition of the categories employed, please see *Financial Report of Ontario Universities*. pages 5 - 6.